



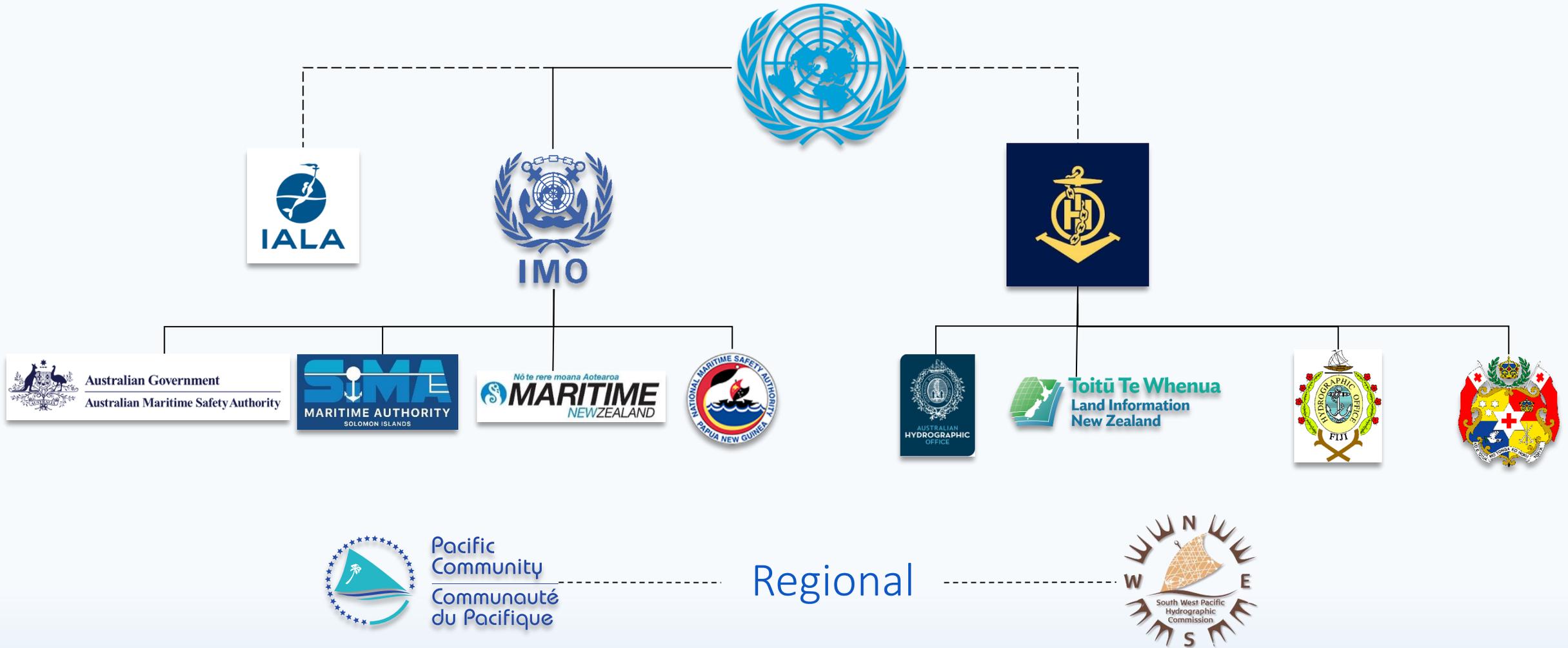
The IHO Strategic Plan 2021-2026 and the SWPHC Work Plan

Pacific Regional Transport Officials Meeting

15-16 November 2022

Hilary Thompson, SWPHC

International Community



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South West Pacific Hydrographic Commission



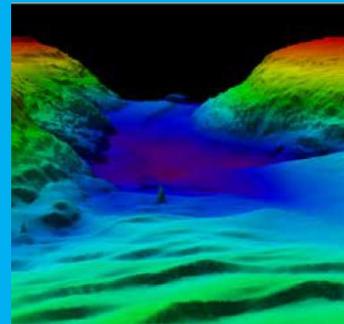
IHO Strategic Plan 2021-2026 – The Goals



STANDARD

Goal 1

Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation



Goal 2

Increasing the use of hydrographic data for the benefit of society



DATA

KNOWLEDGE

Goal 3

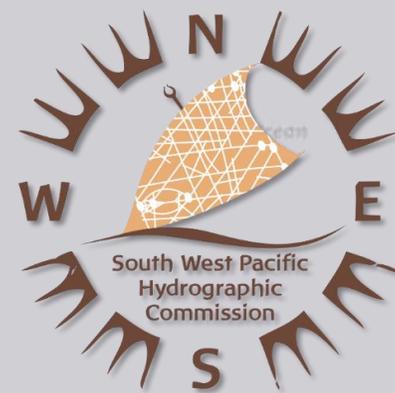
Participating actively in international initiatives related to the knowledge and the sustainable use of the Ocean



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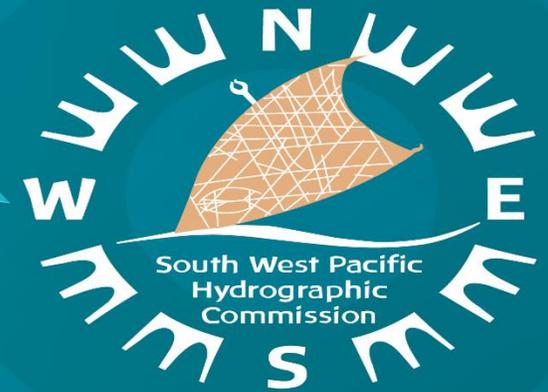




SWPHC STRATEGIC PLAN

[HTTPS://IHO.INT/EN/SWPHC](https://iho.int/en/swphc)

TO 2028



1

OBJECTIVES

- To promote technical co-operation and training, and to conduct joint research,
- To regularly assess the status of hydrographic surveying, nautical charting, nautical information, navigational warnings, hydrographic capacity and requirements within the Region
- To contribute towards regional disaster preparedness and response
- To empower its Members to expand hydrographic activity in the Region, and to encourage them to seek technical advice and assistance from the IHO Secretariat to establish and strengthen their hydrographic capabilities and policies.
- To facilitate the exchange of information related to surveys, research, scientific and technical developments, and to assist in the planning and organisation of hydrographic activities
- To identify, coordinate and assess INT Chart and ENC coverage for the Region.
- To ensure a coordinated and cohesive regional approach is considered for the implementation of the S-100 Universal Hydrographic Data Model
- To encourage implementation of the Global Maritime Distress and Safety System (GMDSS).
- To encourage the application of the UN shared guiding principles for geospatial information management.
- To establish other committees and working groups, as appropriate, to pursue regional priorities that align with IHO's global strategic objectives.
- To ensure that regional capacity building (CB) activities are aligned and coordinated in accordance with the IHO CB Strategy

2

MEMBERS & OBSERVERS

MEMBERS

- Australia
- Fiji
- France
- New Zealand
- Papua New Guinea
- Samoa
- Solomon Islands
- Tonga
- United Kingdom
- United States
- Vanuatu

ASSOCIATE MEMBERS

- Cook Islands
- Indonesia
- Kiribati
- Nauru
- Niue
- Palau

OBSERVERS

- New Caledonia

INTERGOVERNMENTAL OBSERVER ORGANISATION

- Pacific Community (SPC)

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STRATEGIC GOALS

- SWPHC - Increase SWP influence at IHO and other international/intergovernmental bodies (to understand the contribution that the SWPHC makes)
- IHO - Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation
- Increasing the use of hydrographic data for the benefit of society
- Participating actively in international initiatives related to the knowledge and the sustainable use of the ocean

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OUTCOMES

- Sustainable hydrographic capacity to meet SOLAS and UNCLOS
- Sharing knowledge of Hydrographic best practice
- Safe and Secure oceans
- Economic growth in the maritime sector
- Thriving, diverse, inclusive hydrographic community

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WHAT WE DO

- Provide strategic leadership and direction to achieve a standardised approach to Hydrography
- Draw on international best practice in hydrography
- Lead collaboration and coordination of hydrographic activities in the SWP



SWPHC Work Plan & Priorities

Goal	Target	SPI	#	Activities	Lead	Timeframe
SWPHC Goal 1 Increase SWP influence at IHO and other international/intergovernmental bodies (to understand the contribution that the SWPHC makes)	2 SWP seats at IHO Council		1	Encourage IHO Membership and engagement within the Region	IHO Secretariat; existing MS	Ongoing
	SWP delegation to IHO Assembly 3 (A3) 2023		2	Develop a proposal for funding from the EWH Project to support emerging SWP Leaders to attend IHO A3	SWPHC	2022
	Increased participation in SWPHC and IHO activities in a leadership role (including the SWPHC working groups)		3	Ensure representation across IHO WGs (see current commitment)	MS; SWPHC Sec	annual review
	The SW Pacific HC benefits from the diversity of the region SW Pacific can represent the region (in its totality) effectively at international levels		4	SWPHC Hydrographic Leaders Program (Cohort 1)	SWPHC Leaders Program Steering Group	Q1-2 2022



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Empowering Women

CBSC

- Basic Sub-Committee Documents
- Miscellaneous
- CBSC Letters
- Empowering Women in Hydrography
 - Project Activities
 - Initiatives around the World
 - Portraits from around the World
 - Documents
- Calendar CBSC Activities
- CBSC20 (2022)
- CBSC 20 - (2022) Intersessional Meeting
- CBSC19 (2021)

HOME > CBSC > EMPOWERING WOMEN IN HYDROGRAPHY

Empowering Women in Hydrography

While the number of women in the workforce has risen in recent decades, there remains an imbalance between men and women in leadership positions, and women are still underrepresented in many STEM subjects. Currently women qualified in hydrography represent 25% of the demographics, yet less than 10% of national hydrographers are women. As for IHO bodies, only 13% are chaired by women.

To try and change this, the IHO has launched a new project to “Empower Women in Hydrography” with the goal of raising awareness about career opportunities in hydrography, and to increase the number of women in leadership positions.

TAKE ACTION



How can my Institution participate in the Empowering Women in Hydrography (EWH) project?

Download the [form](#) and submit your initiative to take part in the EWH project, or contact us at

News



NEWS
Transition to services and discussed a



NEWS
The UN Ocean Conference will change the in hydrogra



NEWS
The XIII Transnational Maritime Conference discusses role in a sustainable Economy

NEWS ARCHIVE

SWPHC Work Plan & Priorities

SWPHC Draft Work Plan 2022/23

Version 1.1 - 22/04/2022

SWPHC
IHO

Goal	Target	SPI	#	Activities	Lead	Timeframe
IHO Goal 1 Evolving the hydrographic support for safety and efficiency of maritime navigation, undergoing profound transformation	Deliver Standards for hydrographic products; support their regular production; and coordinate regional and global services for their provision	1.1.2	5	Workshop on environmental emissions from shipping (COP26 outcome) and expectations for MS	IHO Sec (IRCC?) / IMO SWP Rep?	2022?
			6	Ensure representation across IHO WGs (see current commitment diagram)	MS; SWPHC Sec	annual review
			7	WEND WG - additional ICCWG tasking?	ICCWG	Post WENDWG12
			8	Monitor other RHCs for provision of risk assessment and survey planning methodology to share with SWP region	IRCC; SWPHC Chair	
			9	SWPHC MS to share risk assessment and survey planning methodology via IHO SWPHC website	MS / SWPHC to coordinate	2022
	Develop standards, specifications and guidelines in the areas of data assurance, including cyber security and data quality assessment.	1.2.2	10	Workshop on Cyber Security to RHCs	IRCC; IHO Sec	TBC
			11	Discover and report on SWP Navigationally significant areas for surveying or charting	MS (via SWPHC report); SPI WG to collate	Q1 2022 for SWPHC19 report
			12	Utilise AIS global dataset and tools to assess navigationally significant areas against traffic density	SPI WG	2022
			13	SWPHC MS to share data quality assessment tools and/or procedures	MS / SWPHC to coordinate	TBC
	Use capacity building and training to develop and increase the ability of member states to support safety and efficiency of maritime navigation	1.3.1	14	MS to share S-100 experience and future plans with the region	ICCWG	Phase 1 - Q4 2021; Phase 2 - Q3 2022
			15	Maintain and share ENC scheme for the region (and development of S-101 scheme)	ICCWG	annual review

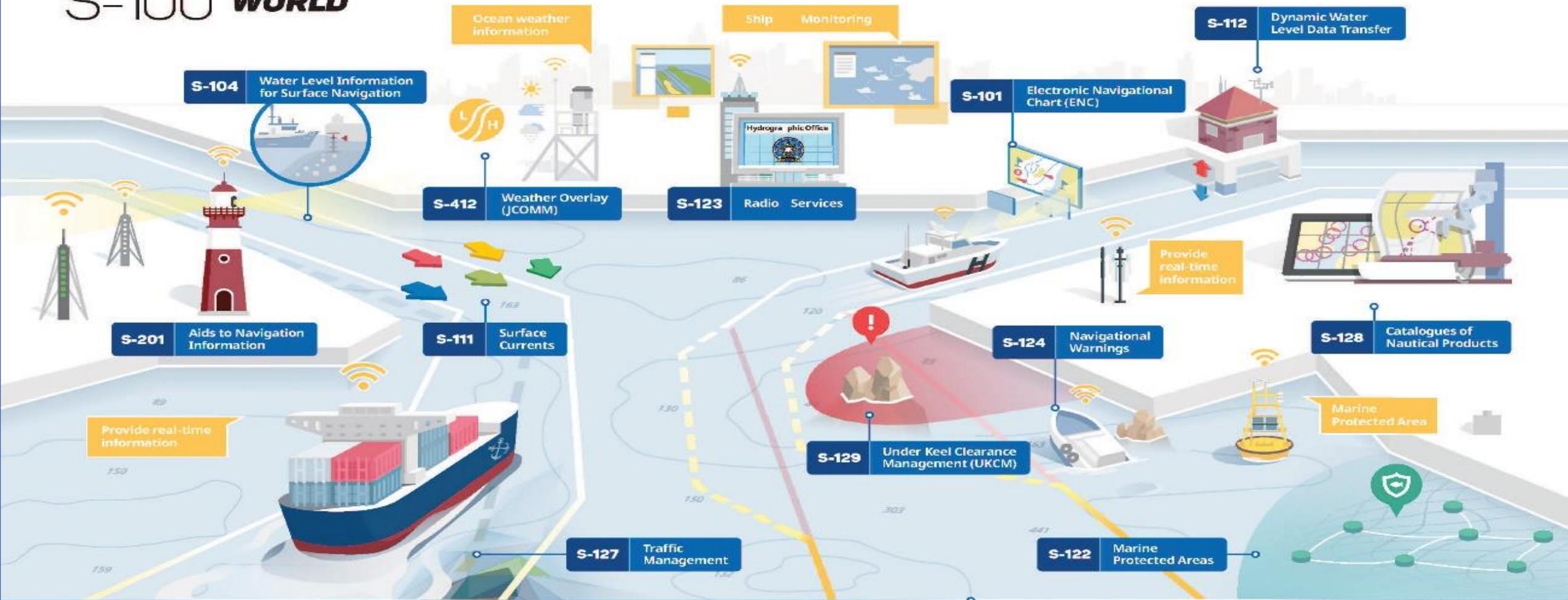


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S-100 WORLD

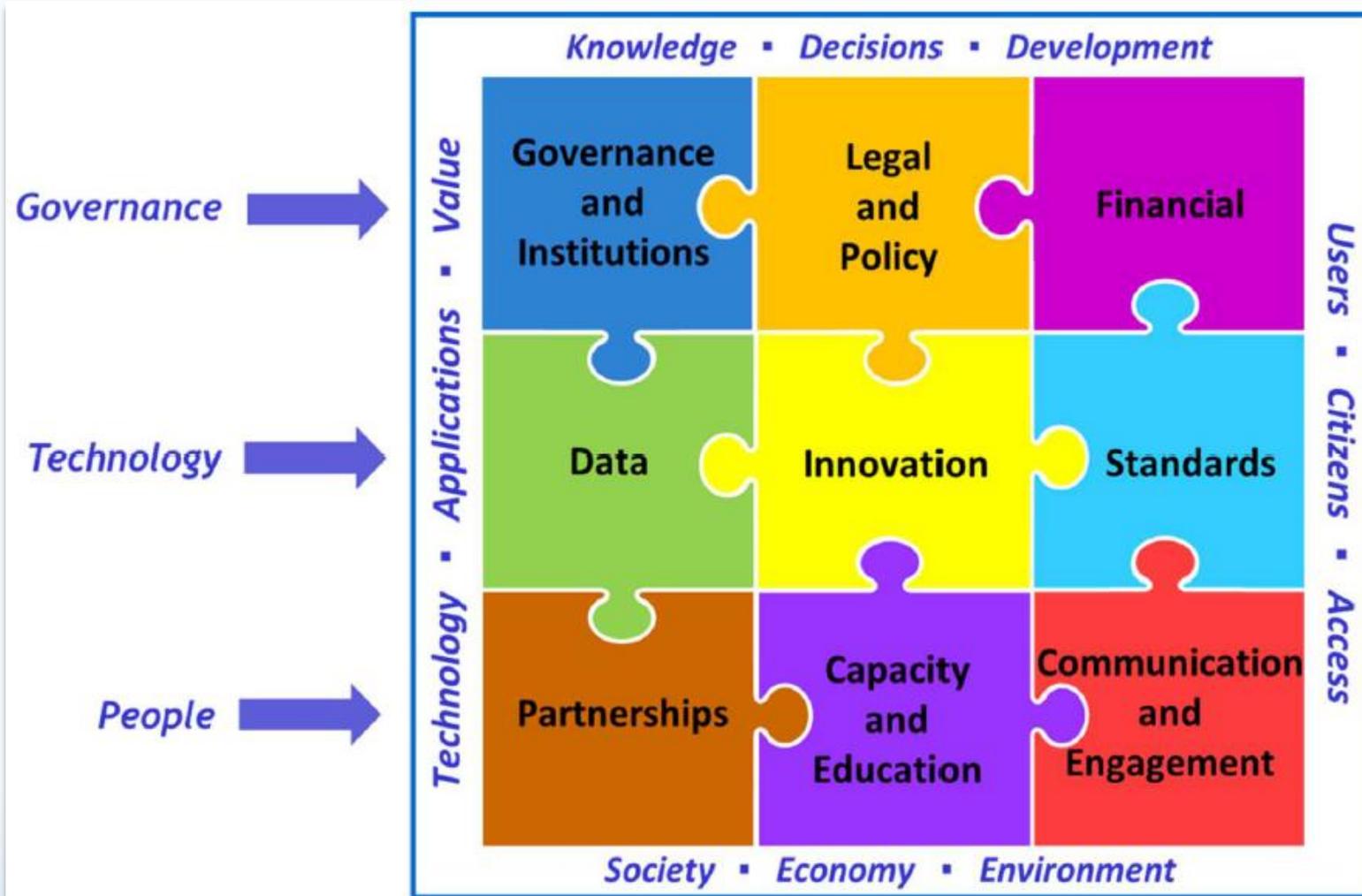


IHO - The future of Hydrography

IHO Goal 2 Increasing the use of hydrographic data for the benefit of society	Build a portal to support and promote regional and international cooperation in marine spatial data infrastructures (MSDI)	16	Undertake a discover and catalogue exercise for SWPHC coastal states existing marine spatial data holdings	MSDIWG	2022	
	Promote new tools and methods to accelerate a consistency, quality and sustainability	17	Promote the use of CSB & SDB tools and methodologies in SWP region	IHO CSBWG; SWPHC CSB/ Seabed	2022-2030	
	Apply UN shared geospatial information in order to ensure extended use-combination with other data	Engage with regional organisations to encourage Coastal States to share data within the region and adopt open data policies				SWPHC-20
		Collaborate with regional bodies and coastal states to develop and promote a "data value proposition" and share within the region				2022 onwards
		Engage with international and regional Donors and Development Partners to adopt open data policies when funding regional activities				TBC
IHO Goal 3 Participating actively in international initiatives related to the knowledge and the sustainable use of the ocean	Collaborate to deliver capacity and improve effective building activities	24	Deliver IHO CB funded workshop on Hydrographic Governance	SWPHC CB Coordinator	TBC f2f SWPHC20 - Q1 2023	
		25	Deliver IHO CB funded workshop to SWPHC on MSI	SWPHC CB Coordinator	virtual 2022	
		Engage with Pacific Community (SPC)				Ongoing
		Engage with new IMO regional representative				2022
		Engage with international and regional Donors and Development Partners				SWPHC21 2024
	improve knowledge of the worlds seafloors	3.2.3	31	Engage with regional bodies and coastal states and collaborate on projects under UN Decade of the Ocean	SWPHC /MS /AM	2022-2030
			32	Engage with Seabed 2030 project to support coverage goals	SWPHC CSB/ Seabed 2030 Coordinator	2022-2030
			33	Encourage MS and coastal states to supply ENC sounding data to Seabed 2030 and IHO DCDB	SWPHC MS / Coastal States	2022-2030
		3.2.1	34	Deliver Seabed 2030 webinar series in the region	SWPHC CSB/ Seabed 2030 Coordinator	2022
		3.2.2	35	Promote, initiate and coordinate CSB & SDB programs in SWP region and encourage coastal states to submit bathymetry data to Seabed 2030 and IHO DCDB	IHO CSBWG; SWPHC CSB/ Seabed 2030 Coordinator	2022-2030
implement a comprehensive IHO digital communication strategy in order to enhance its visibility and accessibility to	3.3.1	36	Develop SWPHC digital communications strategy	SWPHC MS - HLP Cohort	2022	
		37	Ensure IHO digital Communication strategy adequately covers the needs of the region	IHO Secretariat / SWPHC	TBC	



UN-GGIM IGIF & Open Data



Vision

The efficient use of geospatial information by all countries to effectively measure, monitor and achieve sustainable social, economic and environmental development - leaving no one behind.



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SWPHC top 3 challenges

- **Supporting the delivery of Safety of Navigation services in the Pacific region** to meet the new IMO S-100 ECDIS Performance Standard & implementation of the IHO S-100 Universal Geospatial Data Model
- Preparing Coastal States in the Pacific Region for **Maritime Digital Transformation** –Supporting hydrographic governance in Pacific Island Countries and Territories and the introduction of Next Generation Charting Products & Sunsetting of Traditional Paper Chart
- **Raising awareness of the benefits of hydrography** and adopting and giving effect to open data policies and mutually agreeable practices (ref: [SWPHC paper on raising awareness of hydrography and open data](#))



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Key messages

1. We wish to support the delivery of Safety of Navigation services in the Pacific region across the system, i.e. to ***deliver as one*** – IHO, IMO, IALA and regional partners (IHO Strategic Plan Goal 1)
2. We wish to engage across the system to **raise awareness and the value of hydrography and adopting open data policies** (IHO Strategic Plan Goal 2)
3. We invite partner organizations and Coastal States to attend **SWPHC20 meeting 22–24 February 2023**, Wellington to discuss how we can collaborate to achieve these common Goals.



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Thank you
SWPHC20 meeting 22–24 February 2023

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