



United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission

Input # 2 – CD Chapter of the Decade of Ocean Science Implementation Plan

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**2nd Meeting of GE-CD Task Team on
Revision of IOC CD Strategy**

Summary of Inputs from TT Members

ON VISION AND OBJECTIVES

Emphasis on SIDS, LDCs and LLDCs was made clear in the CD Chapter of the Implementation Plan of the Decade, a similar paragraph should be added to signify greater emphasis on these groups in the vision and objectives section in the revised IOC Capacity Development Strategy:

“Decade capacity development efforts will focus on, but will not be limited to LDCs, SIDS and LLDCs. Specific approaches for these beneficiaries will be required including the use of low-bandwidth / low-technology tools in areas where access to digital telecommunications is limited. The resource needs for SIDS, LDCs and LLDCs to participate in capacity development efforts will be addressed as part of resource mobilisation efforts.

“To meet the challenge presented by the Decade, capacity development carried out as part of the Decade needs to:

Be an integral part of each Decade Action. In this sense, the endorsement criteria of the Decade include a consideration of contributions toward capacity development, including in SIDS, LDCs and LLDCs.”

Summary of Inputs from TT Members

OUTPUT 1. Human resources developed

Additional Elements (from Decade IP CD Chapter)

- online and distance learning
- training of trainers
- integration of ocean science in curricula in primary and secondary schools including information on ocean science careers
- actively improving gender, generational and geographic diversity

Ocean Decade IP – CD Chapter

Desired Results	Priority Activities
1. Human resources developed at individual and institutional levels	<ol style="list-style-type: none"> 1. Academic and higher education opportunities including through online and distance learning 2. Continuous professional development 3. Sharing of knowledge and expertise including through community building 4. Training, including training of trainers 5. Integration of ocean science in curricula in primary and secondary schools including information on ocean science careers 6. Actively improving gender, generational and geographic diversity

Current IOC CD Strategy

Output	Activity	Action
1. Human resources developed	1.1 Academic (higher) education	<ol style="list-style-type: none"> 1.1.1 Promote and assist with the establishment of consortia of higher education at the appropriate geographical scale 1.1.2 Promote collaboration between UNESCO Chairs and IOC
	1.2 Continuous professional development	<ol style="list-style-type: none"> 1.2.1 Promote and assist with the organization of training courses, workshops and “summer schools” relevant to the IOC mandate 1.2.2 Establish, or collaborate with other organizations on an internship/fellowship programme (including on-board training) 1.2.3 Establish and collaborate with other organisations on a visiting lecturer programme 1.2.4 Promote and assist with the establishment of regional training (and research) centres relevant to the IOC mandate 1.2.5 Promote the sharing of training materials
1.3. Sharing of knowledge and expertise/community building	1.3. Sharing of knowledge and expertise/community building	<ol style="list-style-type: none"> 1.3.1 Establish a travel grant “fund” 1.3.2 Establish or collaborate with other organizations on a mentoring programme 1.3.3 Promote and assist with the development of IOC alumni networks 1.3.4 Promote and support “young scientist” awards
		1.4 Gender balance

Summary of Inputs from TT Members

OUTPUT 2. Access to physical infrastructure

Focus on technology including use of low-bandwidth / low-technology tools: high power computing, digital telecommunications, etc; skills building for leadership in technology and infrastructure development; and promoting technical and technological cooperation, and peer to peer exchange between stakeholders

OUTPUT 3. Global, regional, and sub-regional mechanisms strengthened

Include specific text emphasis on SIDS LDCs under Output 3. Global, regional, and sub-regional mechanisms strengthened

Ocean Decade IP – CD Chapter

Desired Results	Priority Activities
2. Access to technology and physical infrastructure established or improved	2.1 Facilitating access to technology and infrastructure (e.g. research facilities, instruments, research vessels, high power computing, digital telecommunications) 2.2 Developing skills to lead and participate in technology and infrastructure development 2.3. Promoting technical and technological cooperation and peer to peer exchange between stakeholders
3. Global, regional, and sub-regional mechanisms strengthened	3.1 Identifying specific national and regional capacity development needs through needs assessments 3.2 Strengthening existing national and regional resources and networks for capacity development 3.3 Supporting regional and sub-regional organisations to be leaders in, and amplifiers of, capacity development

Current IOC CD Strategy

Output	Activity	Action
2. Access to physical infrastructure established or improved	2.1 Facilitating access to infrastructure (facilities, instruments, vessels)	2.1.1 Establishing and maintaining a register of infrastructure to facilitate access 2.1.2 Promoting the development of, and expand access to, regional sustainable scientific infrastructure
3. Global, regional and sub-regional mechanisms strengthened	3.1 Further strengthening and supporting secretariats of regional commissions	3.1.1 Improve staffing of secretariat of regional sub-commissions 3.1.2 Reinforcing budgeting of regional sub-commissions
	3.2 Enhance effective Communication between regional sub-commission secretariats and global programmes as well as other communities of practice (incl. other organisations)	3.2.1 Establishing an effective coordination and communication mechanism between the secretariats of the regional sub-commissions and the global programmes

Summary of Inputs from TT Members

OUTPUT 5. Visibility and awareness increased

Emphasis on exchanges facilitated on the role and values of ocean, including informal education through museums, zoos or aquariums

OUTPUT 6. Sustained, long-term resource mobilization reinforced

6.1: in-kind financial support by the private sector

6.1.1 Sustain and strengthen public-private partnership to allocate resources through implementing bilateral capacity developed programmes, projects and activities

Ocean Decade IP – CD Chapter

Desired Results	Priority Activities
4. Development of ocean research policies in support of sustainable development promoted	4.1 Supporting identification of ocean research priorities 4.2 Supporting development of national marine science management procedures and national policies
5. Awareness and understanding increased, and exchanges facilitated on role and values of ocean	5.1 Ocean literacy initiatives 5.2 Informal education including through museums, zoos or aquariums 5.3 Public information and communication (refer Section 2.7 for more detail)
6. Sustained, long-term resource mobilisation reinforced	6.1 Mobilising in-kind and financial support for capacity development initiatives as part of the Decade (refer Section 3.2 for more detail)

Current IOC CD Strategy

Output	Activity	Action
4. Development of ocean research policies in support of sustainable development objectives promoted	4.1 Sharing of information on ocean research priorities 4.2 Developing national marine science management procedures and national policies	4.1.1 Compare and compile information on existing ocean research priorities among government and other organizations 4.2.1 Assist Member States with the development of marine science management procedures and national policies
5. Visibility and awareness increased	5.1 Public Information 5.2 Ocean Literacy	5.1.1 Promote the development of public information (communication) departments in ocean research institutions 5.2.1 Foster development of an IOC ocean literacy programme as a community of practice to share experience within and across regions
6. Sustained (longterm) resource mobilization reinforced	6.1 In-kind opportunities 6.2 Financial support by MS to IOC activities	6.1.1 Fostering partnerships to increase in-kind support opportunities 6.2.1 Resource mobilisation from Member States, Institutional and Private Sector Partners

Considerations for revision of the IOC CD Strategy

- Align with the Ocean Decade objectives and challenges
- Emphasis on SIDS, LDCs, LLDCs capacity development needs
- Include actions to build capacity to do science, to influence design of science, to co-design, to develop solutions, to understand the importance of ocean science for SDGs
- Focus on developing capacity for science, assist in monitoring progress against SDGs and in some cases reaching the SDGs and be interdisciplinary
- Include a strong focus on science-policy interface and sufficiently succinct to be most likely to be read by decision makers
- Identify transdisciplinary collaboration, with emphasis on stakeholder engagements (public, schools, museums, private sector, etc.)
- In the context of CoVid, approach capacity development efforts with opportunities to build back better for an inclusive, efficient and sustainable recovery

THANK YOU

