

Areas of complementarity/overlap between the IOC Capacity Development Strategy 2025-2030 implementation plan and the IOC Ocean Literacy Plan of Action

1. Ocean literacy broadly

CD Strategy IP

OUTPUT 5. Visibility, awareness and understanding on the roles and values of the ocean and ocean research in relation to human wellbeing and sustainable development increased

Activity 5.2 Fostering the development of ocean literacy

Action 5.2.1 Assist Member States with the strengthening development of ocean literacy programmes at the national and regional levels

OL Plan of Action

Priority 2: Dialogue enhanced and collaboration increased through the inclusion of diverse stakeholders in ocean literacy discussions

Area of Action 2.1: Inclusive and multidisciplinary stakeholder engagement

Activity 2.1.1: Establishment of regional and global platforms and networks for cross-sectoral exchange and co-development of ocean literacy initiatives

2. Capacity development broadly

CD Strategy IP

OUTPUT 1. Human resources developed at individual and institutional level

Activity 1.3 Sharing of knowledge and expertise including through community building

OL Plan of Action

Priority 4: Capacity development for effective ocean stewardship

Area of Action 4.2: Development of programs to bridge gaps in capacity among stakeholders

Activity 4.2.1: Design a capacity development strategy based on results of the needs assessment

3. Education/training activities

CD Strategy IP

OUTPUT 1. Human resources developed at individual and institutional level

Activity 1.1 Academic and higher education

Action 1.1.1 Promote and assist with the establishment of consortia of higher education and research institutions at the appropriate geographic scale

Action 1.1.2 Promote collaboration between UNESCO Chairs and IOC, and between IOC and other organisations dealing with ocean matters on human resources development

Activity 1.2 Continuous professional development

Action 1.2.1 Promote and assist with the organisation of training courses, workshops and “summer schools” relevant to the IOC mandate, including training of trainers/technicians and executive career development for institutional managers/decision makers, in collaboration with other organisations

Action 1.2.2 Establish, or collaborate with other organisations to develop internship/fellowship and on-board training programmes

Action 1.2.3 Establish, and collaborate with other organisations on a visiting lecturer/scholar/ researcher programmes and professional exchanges (peer to peer)

Action 1.2.4 Promote and assist with the establishment of regional training (and research) centres relevant to the IOC mandate

Action 1.2.5 Promote the development and sharing of training materials and tools

Activity 1.4 Integration of ocean science in basic education

Action 1.4.1 Promote the integration of ocean science in curricula of primary and secondary schools

Activity 1.3 Sharing of knowledge and expertise including through community building

Action 1.3.3 Promote and assist with the development and strengthening of IOC alumni networks, and professional networks including for youth leaders

OL Plan of Action

Priority 1: Ocean science concepts integrated into the curriculum of education systems in order to enhance global ocean literacy

Area of Action 1.1: Formal, informal, non-formal, and lifelong learning curricula at all educational levels

Activity 1.1.1: Promote membership of schools amongst Member States in the Blue Schools network to facilitate exchange of good practices between countries and the implementation of ocean-based curricula aligned with national strategies

Activity 1.1.2: Promote the development of region-specific educational materials that reflect local marine systems, challenges, and cultural connections to the ocean

Activity 1.1.3: Enhance capacity development among teachers and educators

Area of Action 1.2: Inter and trans-disciplinary collaboration

Activity 1.2.1: Strengthen partnerships and collaborations with other UNESCO sectors working across different disciplines

Priority 4: Capacity development for effective ocean stewardship

Area of Action 4.2: Development of programs to bridge gaps in capacity among stakeholders

Activity 4.2.2: Widen access to training resources and opportunities among all stakeholders

Area of Action 4.3: Organization of opportunities to develop capacities tailored to the needs of different stakeholder groups

Activity 4.3.1: Build on the success of OL Summer Schools and ECOP-led initiatives to amplify their capacity development potential

Activity 4.3.2: Leverage the Ocean Teacher Global Academy to deliver tailored resources to target groups

4. Multi-stakeholder engagement

CD Strategy IP

OUTPUT 2. Access to technology, physical infrastructure, data and information established or improved

Activity 2.1 Facilitating access to technology and infrastructure

Action 2.1.3 Promote the involvement of citizen science in ocean research

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

Activity 3.4 Encouraging regional and sub-regional organisations to be leaders in, and amplifiers of capacity development

Action 3.4.1 Reinforce engagement of regional and sub-regional organisations in consultation process and capacity development initiatives

OL Plan of Action

Priority 2: Dialogue enhanced and collaboration increased through the inclusion of diverse stakeholders in ocean literacy discussions

Area of Action 2.1: Inclusive and multidisciplinary stakeholder engagement

Activity 2.1.1: Establishment of regional and global platforms and networks for cross-sectoral exchange and co-development of ocean literacy initiatives

Priority 5: Further research on human behavioral change, science communication, impacts of ocean literacy to improve its efficacy

Area of Action 5.3: Promote research projects on behaviour change, science communication, and impacts of ocean literacy

Activity 5.3.2: Implement and collaborate with citizen science programmes

5. Collaboration with Regional Sub-Commissions

CD Strategy IP

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

Activity 3.2 Enhance effective communication between regional sub-commission secretariat and global programmes as well as other communities of practice (incl. other organisations)

Action 3.2.1 Establish an effective coordination and communication mechanism between the secretariats of the regional sub- commissions and the global programmes

Activity 3.4 Encouraging regional and sub-regional organisations to be leaders in, and amplifiers of capacity development

Action 3.4.1 Reinforce engagement of regional and sub-regional organisations in consultation process and capacity development initiatives

OL Plan of Action

Priority 2: Dialogue enhanced and collaboration increased through the inclusion of diverse stakeholders in ocean literacy discussions

Area of Action 2.1: Inclusive and multidisciplinary stakeholder engagement

Activity 2.1.2: Enhance collaboration with IOC Regional Subcommissions to support regional coordination of ocean literacy activities and sharing of knowledge and resources

6. Identifying priorities/needs

CD Strategy IP

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

Activity 3.3 Identifying specific national and regional capacity development needs through regular needs assessment

Action 3.3.1 Organise and conduct biennial capacity development needs survey

OL Plan of Action

Priority 4: Capacity development for effective ocean stewardship

Area of Action 4.1: Evaluation of current stewardship capacities worldwide

Activity 4.1.1: Conduct a needs assessment of the various stakeholder groups

7. Enhancing communication

CD Strategy IP

OUTPUT 1. Human resources developed at individual and institutional level

Activity 1.3 Sharing of knowledge and expertise including through community building

Action 1.3.4 Promote funding, grant and scholarship programmes to facilitate ocean research, technical development and scientific exchange through bringing visibility of opportunities via the Ocean CD-Hub

Activity 1.4 Integration of ocean science in basic education

Action 1.4.2 Promote careers in ocean research and ocean management

OUTPUT 5. Visibility, awareness and understanding on the roles and values of the ocean and ocean research in relation to human wellbeing and sustainable development increased

Activity 5.1 Fostering the development of ocean-related public information and communication services

OL Plan of Action

Priority 2: Dialogue enhanced and collaboration increased through the inclusion of diverse stakeholders in ocean literacy discussions

Area of Action 2.1: Inclusive and multidisciplinary stakeholder engagement

Activity 2.1.1: Establishment of regional and global platforms and networks for cross-sectoral exchange and co-development of ocean literacy initiatives

Activity 2.1.3: Take advantage of major ocean-related online and offline events to amplify the reach of ocean literacy to potential new stakeholders

Activity 2.1.5: Provide a digital space for continuous stakeholder dialogue

Priority 9: Public awareness and digital engagement enhanced

Area of Action 9.1: Media visibility

Activity 9.1.1: Strengthen collaboration with traditional media outlets and online content creators to amplify ocean literacy, including through newspapers, magazines, social media, podcasts and interactive storytelling

Area of Action 9.2: Digital outreach

Activity 9.2.1: Conduct campaigns and public outreach programs designed to engage broader audiences in ocean literacy

8. Facilitating access to information and resources

CD Strategy IP

OUTPUT 2. Access to technology, physical infrastructure, data and information established or improved

Activity 2.2 Facilitating equitable access to and sharing of ocean data and information

Action 2.2.1 Promote the development and wide use of regional and global data and information system

OUTPUT 4. Development of ocean research policies in support of sustainable development objectives promoted

Activity 4.1 Fostering the development of ocean research policies

Action 4.1.1 Compile and compare information on existing ocean research policies, and disseminate to Member States for their use

OUTPUT 5. Visibility, awareness and understanding on the roles and values of the ocean and ocean research in relation to human wellbeing and sustainable development increased

Activity 5.1 Fostering the development of ocean-related public information and communication services

OL Plan of Action

Priority 3: Accessible and inclusive ocean literacy resources made available

Area of Action 3.1: Assessment of existing ocean literacy materials globally

Activity 3.1.1: Compile and evaluate a global compendium of ocean literacy resources

Area of action 3.2: Development of inclusive and accessible ocean literacy resources

Area of Action 3.3: Distribution of both new and existing resources

Activity 3.3.1: Host all relevant resources in a single online hub

9. Resource mobilisation

CD Strategy IP

OUTPUT 6. Sustained resource mobilization reinforced

Activity 6.1 Enhancing sustained support (in-kind and financial) to the IOC for its international coordination role

 Action 6.1.1 Foster partnerships to increase in-kind support opportunities

Activity 6.2 Promoting sustained bilateral and multilateral support among Member States

 Action 6.2.1 Encourage resource mobilisation in particular from Member States, and other donors to support the outcomes of the IOC Capacity Development needs assessment

OL Plan of Action

Priority 6: Sustained resource mobilization

 Area of Action 6.1: In-kind opportunities

 Activity 6.1.1: Foster partnerships to increase in-kind support (e.g., secondments, loans)

 Area of Action 6.2: Financial support by Member States, the private sector, and philanthropies' for IOC activities

 Activity 6.2.1: Mobilize resources from Member States, institutional partners, and the private sector

10. Policy engagement

CD Strategy IP

OUTPUT 4. Development of ocean research policies in support of sustainable development objectives promoted

Activity 4.1 Fostering the development of ocean research policies

Action 4.1.2 Assist and enable Member States with the development of ocean research policies, making use of the results of 4.1.1

OL Plan of Action

Priority 8: Ocean literacy integrated into policy and decision-making

Area of Action 8.2: Cross-sectoral governance

Activity 8.2.1: Embed ocean literacy principles into national and regional marine policies, sustainable ocean economy strategies, and climate adaptation frameworks

Activity 8.2.2: Encourage cross-sectoral governance approaches that prioritize ocean literacy as a tool for sustainable ocean management