

## SUMMARY OF PRESENTATION

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### **YSLME as a Regional Contribution to the UN Decade of Ocean Science for Sustainable Development**

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In 2015, the UN General Assembly adopted the 2030 Agenda for sustainable development recognizing the peril which the humanity is facing. IOC of UNESCO announced the launch of UN Decade of Ocean Science for sustainable development (hereafter, Ocean-Decade) to support the 2030 Agenda for the period of 2021-2030. There are three overarching goals in the Ocean-Decade: To identify required knowledge for sustainable development; to generate comprehensive knowledge and understanding of the ocean; and to increase the use of ocean knowledge. While the first two require conventional approach, the latter goal needs novel ideas. For the latter, Ocean Knowledge-Action Network (KAN) has been established to explore the uncharted course how to use the ocean knowledge to change policies, practices, governance, etc in human system. Ocean-KAN is supported by FUTURE EARTH, IOC, WRCP, and SCOR. In the Yellow Sea, the YSLME (Yellow Sea Large Marine Ecosystem; a UNDP/GEF project) has been developed to solve transboundary issues in the Yellow Sea ecosystem since 1992. The YSLME Phase II is preparing a Strategic Action Plan (SAP) with 3 goals under which 10 targets and 27 management actions are identified. The YSLME SAP has many elements that fit with the Ocean-Decade because these management actions are mostly solution-oriented actions. The next phase of YSLME is supposed to start in 2021 for 10 years overlapping with the Ocean-Decade. Therefore, the YSLME has all the potential to be an important regional contribution to the Ocean-Decade. However, there are certain aspects that need to be enhanced to fulfill the transformative nature of the Ocean-Decade. For example, more stakeholders such as shipping companies, fishing companies and energy companies need to be involved in early stage. Early career researchers/professionals (ECR/P) are also important players in the endeavor. Engagement and training of ECR/P will ensure to make the management actions sustainable. Most of all, an inclusive active network formed by all the stakeholders involved is crucial in harnessing the ocean knowledge to transform the ocean. To this end, the YSLME needs to be involved in the Ocean KAN endeavor.