



ONE SEA RY ANNUAL REPORT 2021

The One Sea association was founded in 2019, as the organization to carry on the activities of One Sea – Autonomous Maritime Ecosystem. The association started to take over the activities of the Ecosystem in 2020 and the process has continued in 2021. The activities of the association are directed by the Executive Director and Ecosystem Leads. The handling of the activities and administrative functions of the association (including the employment of the Executive Director and Ecosystem Leads) were bought from DIMECC, that has managed the One Sea activities in the past. DIMECC secured Business Finland funding for One Sea for the period of 1.11.2021-31.10.2023.

The main goal for the One Sea association for the period of 2021 was to support the application process for consultative status with International Maritime Organization (IMO) and to increase both the technical and global coverage of One Sea members in the area of autonomous and related technologies. The application was initially submitted to IMO 31st March 2020. However, IMO postponed the meetings where the evaluation on new NGOs is made until 2021 due to COVID-19 meeting cancellations. A Working Group at IMO evaluated the applications and One Sea made a presentation and answered their questions 22.2.2021. IMO Council made the decision to not approve the application 8th November 2021. The association has made plans to apply again in 2023. The planned increase in technical and global coverage also suffered due to the travel restrictions and cancellations caused by COVID-19 in 2021, although One Sea has participated and presented at several online events.

The One Sea association followed and commented at IMO meetings with the help of flag states. Maritime Safety Committee (MSC), Facilitation Committee (FAL) and Legal Committee (LEG) all had meetings in 2021. One Sea participated in MSC 103 and 104, FAL 45 and FAL ISWG (Intersessional Working Group), LEG 108, IMO Council meeting 125 and the Extraordinary Session of the Council in November, and their MASS (Maritime Autonomous Surface Ships) working groups, when such were formed during 2021. One Sea association also worked with MASS matters at ISO. One Sea has also been active in Waterborne TP in 2021 and participated in the Waterborne digitalization working group. On the EU level One Sea also participated in the European Research and Innovation Days online and cooperated with EMSA (European Maritime Safety Agency) and ESA (European Space Agency).

The following activities were bought from DIMECC by the association.

One Sea association work was mainly carried out through working groups, where members One Sea members can join when they so desire. There are currently five working groups: Definitions and standards, Regulations, Ethics, Operations and Communications. The working groups only meet when necessary and participation is voluntary, during 2021 there were 10 working group meetings. The working groups prepared the One Sea view on terminology with a workshop, and an IMO submission and a related white paper on the subject were completed. A white paper on Safety was also prepared. The terminology paper to IMO was submitted during 2021 through the Finnish flag state. The communications working group worked on renewing One Sea's communications strategy and held two workshops on the subject.

ONE SEA

Communication and sharing of information about autonomy and related technologies is an important part of what One Sea does. One Sea was planning to publish several white papers during 2021, but due to lack of resources and time, only the white paper on safety was published. The terminology white paper prepared during 2021, will be published during 2022. One Sea was still present in the press with several articles with the help of their communication agency. Representatives of One Sea were also present at various conferences and events and presented at 10 international events. One Sea also organized a panel during London International Shipping Week together with Inmarsat. The planned conference with RINA was postponed. One Sea also organized an internal event, where One Sea members presented their white papers related to autonomy.

One Sea has an Advisory Board and an International Advisory Board. Meetings for these are normally planned once a year, but due to travel restrictions only the Advisory Board was able to meet. One Sea also has a database of companies willing to provide solutions for maritime autonomy and related technologies. This year One Sea organized three flash events online for One Sea member companies and the members of this Intelligent network. One Sea also prepared research and development programs at the request of its members. The second part of Sea for Value program, SMARTER, was approved for funding in 2021. The association also sends a Foresight & technology watch to its members.

The Executive Committee of the association had two official meetings in 2021 and DIMECC organized 10 Management Board meetings. The association also had one annual meeting for all the members. The members met four times during the year in events organized by DIMECC. The economical reporting of the association was handled by Talenom Oy.

ONE SEA

Eteläranta 10, 5th floor, 00130 Helsinki, Finland
<https://www.oneseaecosystem.net/>