

Seventeenth annual Report of the Baltic Sea Advisory Council 2022-2023

Introduction

The Baltic Sea Advisory Council (BSAC) has been on the go since 2006, advising the European Commission and Member States on matters relating to the management of the fisheries in the Baltic Sea. Its work and activities are funded by the EU Commission, the Baltic Sea Member States and by its members.

The BSAC comprises a General Assembly, Executive Committee, and three Working Groups: for demersal fisheries, pelagic fisheries and for ecosystem-based fisheries management. The BSAC is run by a Secretariat and helped by a Management Team to deal with administrative, management and operational things. There are terms or reference and rules of procedure for the BSAC and its Working Groups and Management Team, as well as a Code of Conduct for members and observers. The rules of procedure of the BSAC are currently under revision and their adoption is expected in May 2023.¹

This seventeenth annual report covers the activities, meetings and outputs of the Baltic Sea Advisory Council from 1st April 2022- 31st March 2023. The work programme was adopted on 11th May 2022.²

Main results/outputs from the BSAC during the year 2022 - 2023

The BSAC work programme 2022-2023 contained a number of focus areas. These are described here, with a few words on the outputs and achievements, where relevant.

The work programme has been implemented to a large degree and most tasks were carried out. At the same time some additional actions complemented the planned tasks.

The BSAC held 6 WG meetings, one joint WG meeting, 4 Executive Committee meetings, 1 General Assembly. Focus Group meetings were also organised to work on the revision of the Rules of Procedure.

The BSAC White Paper on the Common Fisheries Policy (CFP) was finalised and adopted in May 2022 and largely distributed. Work was carried out in a timely way that allowed the Commission to take it into account in its Communication on the functioning of the CFP published in February 2023 (as highlighted in the Staff Working Document³).

The BSAC has continued to implement the recommendations of the **External Performance Review** conducted in 2021. As a key element in this process the BSAC improved its relations with Member States in the Baltic Region, mainly through closer collaboration with BALTFISH. In order to strengthen outreach activities in relation to stakeholders currently outside the membership of BSAC, the Executive Committee also decided to work on a communication strategy including the revision of the website and newsletter.

¹ http://www.bsac.dk/BSAC/About-the-BSAC

² BSAC - BSAC Executive Committee and General Assembly meeting

https://oceans-and-fisheries.ec.europa.eu/system/files/2023-02/SWD-2023-103 en 0.pdf p99



The main focus area of this year's work were:

Under the chairmanship of the Demersal Working Group

- Relevant work to address selectivity to avoid unwanted catches of cod;
- Continued focus related to the Technical Measures Regulation and the Commission's Action Plan to conserve fisheries resources abd protect marine ecosystems.

The Action Plan was published later than expected, in February 2023. The BSAC has closely followed the work on the delegated and implementing act for the implementation of new gears in the flatfish fishery. The BSAC called BALTFISH to provide a platform for discussion of the draft Implementing Act. Unfortunately, the consultation of this Act will only be possible during a public consultation later in the year. During the ExCom in Vilnius on 30-31 January 2023, a representative of DG Mare informed the BSAC that the Commission will consult the Implementing Act related to the BALTFISH Joint recommendation with the BSAC once the informal consultation with the Member States and within the Commission is concluded.

The Demersal WG invited scientists to present research projects related to the cod stocks (CODHEALTH and RESOCO).

Under the chairmanship of Pelagic Working Group

• The BSAC will investigate further work on management of the western Baltic spring spawning herring with a view to developing a re-building strategy for this stock

The BSAC has sent specific recommendations to the Commission in October 2022 and addressed the issue with the Commissioner during the Roundtable in December 2022.

Follow up on stickleback and trial fisheries in the Baltic

The BSAC Executive Committee Chair and Secretariat took part in ICES workshop on stickleback in August 2022. In the autumn, scientists carrying out scientific trials for a stickleback fishery presented their results. These were still preliminary and the BSAC decided to further develop the initial BSAC advice when the results of the new research are available.

Under the chairmanship of the Ecosystem based Working Group

• The Marine Strategy Framework Directive: ongoing work with its review, including work on those descriptors that are relevant to fisheries

The BSAC continued its involvement with HELCOM in the context of the implementation of the Baltic Sea Action Plan. The BSAC Chair and Secretariat participated in the HELCOM FISH Group (2-3/11/22), bringing input from the BSAC work programme. This was also the occasion of an informal meeting with the HELCOM Executive Secretary to present the new BSAC Chair and Executive Secretary and reiterate BSAC commitment to closely cooperate with HELCOM. The BSAC followed the HELCOM holistic assessments (HOLAS 3). The BSAC was also present at the Marine Expert Group meeting.

• Integrated sea use management/maritime spatial planning

Specific work has started in October 2022 to prepare for a BSAC advice on offshore windfarms development in the Baltic Sea. A diverse range of scientists and policy makers have presented the issue to members. The BSAC has worked on recommendations that are being finalised.



 Collaboration with HELCOM and BALTFISH on implementing the Baltic Sea Action Plan

The BSAC attended the HELCOM FISH meeting, and provided input on cooperation with HELCOM in implementing the BSAP. The Executive Committee Chair met with HELCOM Executive Secretary to discuss this topic.

 Multiannual management plan for salmon: if relevant, input to the development of a management plan for salmon, including specific technical measures for salmon, as well as control issues in the salmon fishery

The BSAC has commented twice this year on draft Joint Recommendation by BALTFISH regarding a derogation from the landing obligation in the Baltic Sea establishing a discard plan as regards salmon.

• Eel: The Commission invited input by 4th April 2022 from Member States and certain Advisory Councils on how best to implement the ICES advice on eel. There may be need for further work/follow-up.

The BSAC prepared a specific recommendation on management measures for eel and took up the topic at the Roundtable meeting with the Commissioner in December 2022.

Horizontal issues for all Working Groups

 Recommendations on fishing opportunities for 2023. ICES will release its annual advice for the Baltic stocks at the end of May 2022. The BSAC will hold a working group to deal with this, and develop recommendations for the Baltic fishery in 2023

The BSAC published its annual recommendations on fishing opportunities for 2023 following the Joint WG and the Executive Committee meetings in June 2022, both held online.

 Recreational fisheries: Towards a balanced and proportionate policy for recreational fisheries under the Common Fisheries Policy, work will include measures to strengthen reporting and data collection from recreational fisheries,

The active participation of recreational fisheries representatives insured that this perspective was well taken into account in BSAC's work and recommendations throughout the year.

- The blue dimension in the EU Green Deal and the Blue Deal
- Fisheries as part of the Farm to Fork Strategy a sustainable, protein-rich seafood provided by fisheries
- Fisheries contributing to addressing the climate change

Relating to the three points above, the Executive Committee of BSAC has decided to create a Focus Group to work on energy transition and provide a BSAC advice on the topic.

Management of seals and other predators and interactions with fisheries

The BSAC has repeatedly focused on the topic. In particular this year, the issue of inter/intra-species interactions and of accounting for prey/predators relationships in fisheries advices was raised at ICES during the MIAC and MIACO meeting.

The Demersal WG of March 2023 was also the occasion to gather input from members to prepare a future BSAC workshop on predators such as cormorants and seals.

The functioning of the BSAC

In 2022-23, the BSAC faced some changes in its internal organisation.



In May 2022, there was the election of a new Chair of the Executive Committee (ex-Pelagic Working Group Chair) and of a Vice-Chair of the Executive Committee. A new chair of the Pelagic Working Group was also elected.

In June 2022, a new Executive Secretary also replaced the long-standing former one.

A revision work of the Rules of Procedure was initiated to align them with the latest Commission Regulation. The work was initiated by a Focus Group that also identified further potential changes to improve the functioning of the BSAC. The new Rules of Procedures are to be voted on in May 2023.

The reimbursement procedures were also updated to reflect better the Commission guidelines, introducing a cap on flights and hotels reimbursements and a per diem for participants in meetings.

The Personal Data policy of the BSAC was also updated.

BALTFISH

The BSAC has maintained cooperation with the BALTFISH Presidency, endeavoured to align the timing of its work and its outputs with the BALTFISH work programmes, give input and take initiatives.

There were two BALTFISH Forum meetings (21.6.22, 6.9.22), but more importantly to streamline work, the BSAC Management Team has been meeting with BALTFISH Presidency regularly online through structured "Virtual Coffee Meetings" following agreed agendas (23.5.22, 29.8.22, 14.10.22, 29.11.22, 27.1.23, 23.3.23).

This resulted in a record attendance of BALTFISH in the BSAC meetings and had allowed the BSAC to prepare and publish a recommendation on BALTFISH work programme that was largely incorporated by BALTFISH in the revised version of it. Cooperation with the Lithuanian Presidency of BALTFISH has also been concretely facilitated by the organisation of the BSAC Executive Committee in Vilnius. The BSAC would like to continue such cooperation with the future BALTFISH Presidencies.

The BSAC has contributed to four BALTFISH Joint Recommendations: on control of mitigation measures to prevent bycatch of harbour porpoise, salmon landing obligation derogation, plaice derogation from the landing obligation.

Fisheries control and inspection, science, the advice and the advisory process

The new BSAC Chair and Vice-Chair took part in the **EFCA** Advisory Board meeting on the 24.10.22 (online). In order to meet the EFCA team and quick start a more intense collaboration in 2023 (with the release of an EFCA evaluation report on compliance with the Landing Obligation), the Chair of the Executive Committee also positively answered to the EFCA invitation to the launch of the new EFCA patrol vessel. This was also the occasion for the BSAC to reiterate it stance on the importance of control and invite EFCA to organise a visit of the patrol vessels when in the Baltic Sea. These initiatives are also aimed at increasing awareness and understanding of Baltic fishers on the roles and duties of EFCA.

In 2022-23, the BSAC actively cooperated with **ICES**. In addition to the annual presentation of the ICES advice on Baltic fish stocks in June 2022, BSAC took an active part in the two MIAC-MIACO meetings held in June 2022 and January 2023.



Because of the specific interest of the Pelagic WG for the stickleback issue, the BSAC Chair and secretariat also took part in the ICES WKSTARGATE workshop in August 2022, allowing some of BSAC recommendations to be taken onboard the final report.

The BSAC contribution largely focused on the issue of accounting for natural mortality in the stocks and the science needed to better understand species interactions in the Baltic.

The BSAC followed the relevant discussions taking place at **the European Parliament** and more specifically the Fisheries Committee.

The BSAC was invited in January 2023 to present its position on the Multiannual Plan for the Baltic Sea at the Fisheries Committee hearing on the topic.

Throughout the year, the BSAC meetings featured presentations of many scientists from research institutes from around the Baltic (SLU, DTU, MIR, LUKE), from ICES and abroad (NOAA).

The BSAC had given its formal support to the CIBBRiNA EU LIFE Bycatch project proposal that was accepted and will be starting this year.

Finally, the BSAC representatives took part in more than 29 external meetings on scientific projects (RESOCO), the Commission (Annual Seminar on Fisheries Science, other organisations and advisory councils (STECF, WWF, EFFOP, EFARO, NSAC). -list below-

Producing recommendations on fishing opportunities for 2023.

The BSAC held a virtual joint working group on 20th June 2022 to discuss the ICES advice for the Baltic for 2023. Holding the joint WG and Executive Committee in June online had probably resulted in a more split advice on the fishing opportunities. The delayed ICES advice also contributed to more complex discussions. The BSAC recommendations for the fishery for 2023 were subsequently adopted and sent to the Commission in early July 2022.



BSAC Recommendations/advice and letters sent 2022-20234.

N°	Full title	Date of adoption
1	BALTFISH draft Joint Recommendation on derogation of plaice from the landing obligation	Sent 25/04/2022
	BSAC - BALTFISH draft Joint Recommendation on derogation of plaice from the landing obligation	
2	BSAC recommendations on management measures for eel	Sent 5/05/2022
	BSAC - BSAC recommendations on management measures for eel	
3	BSAC recommendations for the fisheries 2023	Sent 13/07/2022,
	BSAC - BSAC recommendations for the fisheries 2023	reply received 20/07/2022
4	Technical measures and the draft Implementing Act to	Sent 25/03/2022,
	Regulation 2019/1241	Reply received on 22/07/2022
	BSAC - Technical measures and the draft Implementing Act to Regulation 2019/1241	
5	BSAC response to COM "Towards more sustainable fishing in the EU: state of play & orientations 2023"	Sent 31/08/2022
	BSAC - BSAC response to COM "Towards more sustainable fishing in the EU: state of play & orientations 2023"	
6	BSAC letter to BALTFISH on derogation from landing obligation for salmon draft Joint Recommendation	Sent 27/10/2022
	BSAC - BSAC letter to BALTFISH on derogation from landing obligation for salmon draft Joint Recommendation	
7	BSAC recommendations on western Baltic herring	Sent 28/10/2022.
	BSAC - BSAC recommendations on western Baltic herring	Reply received 18/11/2022
8	BSAC recommendation on BALTFISH Presidency Work Plan BSAC - BSAC recommendation on BALTFISH Presidency Work Plan	Sent 18/11/2022
9	BSAC Input to the Commissioner's Roundtable meeting	Sent 6/12/2022.
	BSAC - BSAC Input to the Commissioner's Roundtable meeting	Reply received 16/12/2022
10	BSAC letter invitation to launch of EFCA's new chartered patrol vessels	Sent 30/12/2022. Reply received
	BSAC - BSAC letter invitation to launch of EFCA's new chartered patrol vessels	25/01/2023

_

⁴ All on the website here: <u>BSAC - BSAC Statements and recommendations</u>



11	BSAC Input to the European Parliament PECH Committee Hearing on Baltic MAP BSAC - BSAC Input to the European Parliament PECH Committee Hearing on Baltic MAP	Sent 23/01/2023
12	2 InterAC Letter on COM support for AC work Sent 3/02/2023	
	BSAC - InterAC Letter on COM support for AC work	
13	BSAC comments on additional document for BALTFISH draft	Sent 22/02/2023
	Joint Recommendation on Salmon LO derogation	
	BSAC - BSAC comments on additional document for BALTFISH draft	
	Joint Recommendation on Salmon LO derogation	
14	BSAC comments to the BALTFISH draft Joint Recommendation on control measures to prevent harbour porpoise bycatch	Sent 24/03/2023
	BSAC - BSAC comments BALTFISH draft JR: Control of measures to prevent harbour porpoise bycatch	

Here are short summaries from the meetings held by the BSAC 2022 -2023. You can find full reports, presentations and participants lists by following the link at the end.

• Executive Committee, 11th May 2022 - online

The ExCom welcomed the new Executive Secretary, Guillaume Carruel, and approved his appointment. The ExCom adopted the draft annual BSAC report, final report for DG Mare and draft financial statement for 2021-2022 for submission to the General Assembly. The ExCom adopted the work programme and draft estimated operating budget. Audun Lem, Deputy Director of FAO Fisheries Division addressed the impacts of the pandemic and the war in Ukraine on the market. The fisheries, aquaculture and processing sectors in Europe are facing a massive challenge. He underlined the severity of the situation for the fish market in Europe. The ExCom decided to elect Glenn Douglas as Vice Chair of the BSAC. The information on the fisheries management measures for mobile bottom contacting fishing gears in Special Areas of Conservation (SACs) in the German EEZ was presented at request of the Union of German Cutter Fishery. The Swedish Agency for Marine and Water Management (SwAM) presented the first information on the Swedish draft proposals for fisheries conservation measures in marine protected areas in the Baltic Sea and Øresund.

Link to the report:

[Modtagerfelt] (bsac.dk)

General Assembly 11th May 2022 - online

The General Assembly approved the BSAC Annual Report 2021-22 and the Financial Statement for 2021-2022. The ExCom Chair presented the printed version of the White Paper. He asked the BSAC members to share the White Paper with national administrations. He underlined that the BSAC White Paper is a comprehensive and consensus-based piece of advice and highlights the importance of the ecosystem based



approach, adapting to climate change and making best use of scientific advice. The General Assembly elected Jarek Zieliński BSAC Executive Committee Chair by consensus.

[Modtagerfelt] (bsac.dk)

 Virtual coffee meeting between the Management Team and the BALTFISH Presidency, 23rd May 2022

leva Žundiene, representing the upcoming Lithuanian Presidency presented the Lithuanian BALTFISH team and informed that she will chair the BALTFISH Forum meetings. The ExCom Chair and the Working Group Chairs introduced themselves to the Lithuanian BALTFISH team. The meeting took note that the following issues had been included on the BALTFISH agenda for the Lithuanian Presidency: the TACs+quotas for 2023, further work on the Joint Recommendation on protection measures for harbour porpoise, eel and salmon, technical measures, as well as work on the Biodiversity Strategy and cooperation with HELCOM on environmental issues.

[Modtagerfelt] (bsac.dk)

• Joint Working Group, 20th June 2022 - online

The Demersal WG Chair Teija Aho and Pelagic WG Chair Jarek Zieliński chaired the meeting. The main task of the working group was to discuss the ICES advice and to start preparing comments and recommendations from the BSAC.

Dorleta Garcia, ICES/ACOM vice-chair presented the 2022 ICES advice for the Baltic stocks. The Working Group discussed the advice, stock by stock. The Working Group asked the Secretariat to produce, after the meeting, draft BSAC recommendations for the fishery in the Baltic Sea in 2023. Participants were asked to submit input to the recommendations. The draft was sent to the WG and ExCom for comments and adoption through written procedure.

BSAC - BSAC Joint Working Group

• Executive Committee, 30th June 2022 – online

The main task of the meeting was to listen to and discuss the ICES advice for the western Baltic herring presented by the ACOM vice chair and further discuss and adopt the BSAC recommendations for the fishery in 2023. The ExCom elected Lise Laustsen Pelagic Working Group Chair by consensus. Krzysztof Stanuch representing the National Chamber of Fish Producers presented the research on developing of amended construction of trawl. Dorleta Garcia, ACOM Vice chair answered to some outstanding questions asked by some BSAC members at the Joint Working Group meeting on 20th June 2022. The BSAC members had comments to several stocks. These comments were duly noted by the Secretariat in the draft recommendations. Participants were invited to submit written comments to the BSAC recommendations for 2023 after the meeting, in particular their positions with respect to western herring. After discussion, the Secretariat was asked to make the final necessary amendments to the draft recommendations as agreed by the meeting and submitted by the BSAC members after the meeting, until the agreed deadline. The revised document was sent to the ExCom for final written approval.

[Modtagerfelt] (bsac.dk)



• Virtual coffee meeting between the Management Team and the BALTFISH Presidency, 29th August 2022

The meeting discussed some issues relevant to the upcoming BALTFISH Forum and High Level Group (HLG) meetings. The ExCom Chair stated that the BSAC is ready to make a presentation on the priority issues, including the BSAC recommendations for the fishery in 2023 to the BALTFISH Member States and asked whether such presentation could take place in the framework of the HLG, during its meeting on 7th September 2022. The Lithuanian BALTFISH Presidency stated that consensus of all Baltic Member States is needed with regard to the BSAC participation in HLG meetings. The BSAC Working Group Chairs presented their work priorities for the coming months.

[Modtagerfelt] (bsac.dk)

• Pelagic Working Group, 3rd October 2022 - online

Scientists from Finland and Sweden presented the situation of the Bothnian Gulf herring stock. They triggered many questions around the stock situation in coastal areas in Sweden, factors behind the decrease in the size and weight at age of herring (food availability, species competition, fishing), other species interactions, and scientific advice. The WG members did not agree on a recommendation to the Commission on this stock because of diverging views. There were not enough BSAC members willing to take part in the focus group to deal with Bothnian herring. It was decided that the issue will be postponed until more information is available. The WG discussed how to explain in detail the BSAC recommendation on western Baltic herring to the Commission. The WG agreed that the ExCom Chair will send a letter to the Commission to explain the short and medium term approaches recommended by the BSAC. The BSAC advises to follow the Baltic MAP but also to develop a specific rebuilding plan for the stock and insists on cooperation with third countries. The WG also discussed the need to ask BALTFISH Member States to give information on the implementation of the cod spawning area closure exemptions when the catch is sorted. Updates on stickleback trial fisheries were also provided by scientists from Estonia, Denmark and Sweden. Trials will take place this winter and further updates will be given in spring 2023.

[Modtagerfelt] (bsac.dk)

• Demersal Working Group, 5th October 2022 - online

The BSAC Demersal Working Group Chair referred to the meeting of the WG held on 5th October 2022 (online). The CODHEALTH project was presented. It focused on eastern cod. The presentation included an overview of the factors affecting the status of cod, such as overfishing, discards, climate change, pollution, predation and parasites as well as factors connected with bottom processes such as hypoxia and oxygen depletion in deeper waters. A scientific presentation was given on the RESOCO project on regional solutions for mitigating seal-fishery conflict in the Baltic Sea. The seal-fishery conflict is a complex and serious issue, to which there are no easy solutions. RESOCO aims at reassessing the current management criteria of Baltic grey seal population, analysing regional and national best practices used in mitigating seal-fishery conflict, and proposing a roadmap for mitigating the conflict. HELCOM representatives took part in the discussion. The WG decided that the BSAC should continue to discuss the seal-fisheries conflict and find some feasible solutions. The Commission also gave a brief presentation on the 2023 TAC



proposal. Following an AOB proposal, WG participants discussed a proposal to extend the cod closure exemptions for gillnets fishing flatfish from 20 to 30m depth. Some members proposed further extension by lifting the 12m size limit of boats. The rationale behind the proposal is that due to the observed increase in water temperature in the Baltic, abundant stocks such as plaice and flounder are found in colder water at increasing depths. A recommendation had been drafted by the secretariat, but it was not possible to reach a consensus on the recommendation in a limited time before the BALTFISH meeting preceding the Council meeting.

[Modtagerfelt] (bsac.dk)

• Virtual coffee meeting between the Management Team and the BALTFISH Presidency, 14th October 2022

leva Žundiene, representing the Lithuanian BALTFISH Presidency thanked the BSAC Chair for attending the BALTFISH Forum meeting on 6th September 2022. She stated that that the BALTFISH HLG will invite the BSAC to discuss relevant issues during the Lithuanian Presidency. With regard to the BSAC recommendations on TACs for 2023, the HLG was of the opinion that the BSAC positions had been presented in detail and there was no need for an ad hoc meeting with the BSAC before the Council meeting. The Lithuanian Presidency presented the outcome of the HLG on 7th September 2022. The HLG briefly discussed the work priorities presented by the BSAC in the Forum. The HLG decided to work with the BSAC in the framework of an ad hoc group on predators (seals, cormorants) during the Lithuanian Presidency.

[Modtagerfelt] (bsac.dk)

• Executive Committee, 25th October 2022 - Gdynia, hybrid

The ExCom decided to revise the Rules of Procedure of the BSAC in order to clarify the existing unclarities, fill the gaps and align the rules with the EU legislation. It was decided to establish a Focus Group to deal with the matter. Raul Prellezo, principal researcher at AZTI, member of the Scientific, Technical and Economic Committee for Fisheries (STECF) of the European Commission and chair of the 2022 Annual Economic Report (AER) of the EU fishing fleet. He underlined that the Annual Economic Report on the EU fishing fleet is the main source of economic and social data for scientific advice on the performance of the EU fishing fleet. The trends in the Baltic are worrying. The BSAC members commented the results of the economic performance of the Baltic fleet presented in AER ad well as the methodology used in the AER. The representative of DG MARE took note of the comments made during the discussion. The representative of the Lithuanian BALTFISH Presidency presented the Council Decisions on TACs and quota (17th October 2022). The representative of DG MARE gave an update on the draft Implementing Act to Technical Measures Regulation 2019/1241 and underlined that the BSAC will be consulted once the consultation with the Member States is concluded.

[Modtagerfelt] (bsac.dk)

Ecosystem-based management Working Group, 26th October 2022, Gdynia hybrid

The meeting focused on offshore wind farms (OWF) in the Baltic. This topic was discussed for the first time in the BSAC, and the aim was to identify the state of play of offshore wind



farms, the development trends and the impacts of OWF. Ricardo Renedo Williams, from DG ENER referred to recent political developments on the offshore renewables, including 3 high level meetings in 2022, held to set the priorities in the present political situation, which undermines international security and stability and has massively disrupted the European and global energy systems. He referred to the Offshore Renewable Energy Strategy presented by the Commission in November 2020 and the European Commission's Recommendations for positive interactions between offshore wind farms and fisheries published in 2020. National offshore wind development plans, including the objectives, timelines, processes were presented by representatives of Danish, Polish and Swedish authorities. Dr. Jan Vanaverbeke and Dr. Andrew Lipsky were invited chairs of the ICES working groups related to offshore wind farms. They referred to the key findings on interactions between fisheries and offshore wind farms. During the discussion, the participants referred to several knowledge gaps on the impacts, especially on the ecosystem. The meeting underlined the need for dialogue, involvement and consultation of stakeholders is needed at local, national and sea basin level with regard to Maritime Spatial Planning, fisheries data, environmental impacts. Jannica Haldin, Deputy Executive Secretary of HELCOM presented Other Effective Area-based Conservation Measures (OECMs).

[Modtagerfelt] (bsac.dk)

Virtual coffee meeting between the Management Team and the BALTFISH Presidency, 29th November 2022

The representative of the Lithuanian BALTFISH Presidency thanked the BSAC for the input to the BALTFISH work plan. She stated that the Presidency will inform the BSAC on further steps with regard to the joint BALTFISH – BSAC expert group on predators (seals, cormorants) in the beginning of 2023. The ExCom Chair informed that the BSAC will provide advice on the management of western herring and eel during the meeting with the Commissioner in the beginning of December and in written form before the December Council. The meeting referred to the eel management, the BSAC recommendation on western Baltic herring, as well as STECF report on the economic performance of the fleet. [Modtagerfelt] (bsac.dk)

• Focus Group Rules of Procedure, 12th December 2022 – online

The BSAC Honorary Chair welcomed all participants to the first, introductory meeting of the Focus Group on the Rules of Procedure. He reminded the participants that the objective of this Focus Group is to present the draft of the revised Rules of Procedure in time for the next meeting of the BSAC Executive Committee 30th -31st January 2023 or if it proves impossible, report on progress made. The BSAC Secretariat presented the explanatory note prepared by the Secretariat to facilitate the start-up of the Focus Group's work on a set of revised Rules of Procedure. He underlined that the revision of the Rules of Procedure will include the necessary alignments to the legal amendments introduced by Commission Delegated Regulation 2022/204 laying down detailed rules on the functioning of the Advisory Council under the CFP and at the same time compile and integrate a number of documents, such as Management Team Terms of Reference, Code of Conduct, Working Group Procedures, Best Practises for development and presentation of BSAC advice and Protocol for new and existing members. The revision will also include more



precise descriptions and definitions of various working procedures within the BSAC as requested by the BSAC members. The Focus Group discussed several amendments to the rules. The Focus Group decided to ask the Secretariat to send the second draft of the revised Rules of Procedure to all Focus Group members as soon as possible after the meeting. <u>BSAC - Focus Group Rules of Procedure</u>

• Focus Group Rules of Procedure, 13th January 2023 online

The second meeting of the Focus Group on the Rules of Procedure made further progress in revising the current rules. The Focus Group decided to ask the Secretariat to send a new version of the draft Rules of Procedure to the ExCom, incorporating the minor editorial changes and preparing a progress report addressing to ExCom the main questions where input was needed. The Focus Group agreed to reconvene twice in February, after receiving comments to the draft Rules of Procedure at the ExCom in the end of January, to prepare the final draft.

BSAC - Focus Group Rules of Procedure

• Virtual coffee meeting between the Management Team and the BALTFISH Presidency, 27th January 2023

The representative of the Lithuanian BALTFISH Presidency informed that 5 Member States had replied to the questionnaire regarding the interpretation of Article 7 of the Council Regulation 2021/1888, provided by the BSAC on 21st December 2023. She promised to inform the BSAC Secretariat on all replies as soon as possible. With reference to western Baltic herring, the ExCom Chair referred to the written input sent to the Commission (BALTFISH Presidency received a copy) before the Roundtable meeting with the Commissioner on the 5th December 2022. The Commission replied to the BSAC on 21st December 2022. The BSAC is preparing an answer to the Commission's letter. The letter is to be adopted by the ExCom on the 31st January. The draft letter welcomes the Commission's pro-active position to find a way forward and make progress on the management of western Baltic herring. The issue of scientific expertise missing in the Baltic when it comes to working on mixed fisheries was also brough up. The Executive Secretary informed that BSAC was invited on Monday 23rd to the PECH Committee of the European Parliament hearing on the State of play of the of the implementation of the Multiannual Plan (MAP) for the Baltic Sea. He informed that in the course of the consultation of the BSAC presentation to the hearing, some BSAC members expressed interest to re-open the discussion and update the BSAC position on the MAP. The issue was put on the ExCom agenda in May.

[Modtagerfelt] (bsac.dk)

• Executive Committee, 30th - 31st January, Vilnius - hybrid

The ExCom approved the draft estimated budget and the draft work programme for 2023-2024 (subject to final approval by General Assembly). The ExCom took note of the updated Privacy Policy. The BSAC Secretariat presented the draft Communication strategy. The revision is aimed at increasing the awareness of the BSAC members on discussions taking place and positions adopted by the BSAC, at strengthening the sense of being part of the BSAC and potentially get members to effectively participate in the work of the BSAC. The ExCom adopted the BSAC communication strategy, including the revision of the website.



The ExCom approved the amended draft reimbursement procedure for submission to the General Assembly. The ExCom agreed to translate the BSAC recommendations on TACs into 4 languages. In the capacity of the Focus Group Chair, the BSAC Honorary Chair presented the progress report. All the ExCom members were invited to take part in the next meeting of the Focus Group to provide specific comments. The Executive Secretary informed on the cooperation of the BSAC with other organisations/institutions, including the InterAC meeting, MIAC and MIACO meetings. The ExCom Chair attended the launching of the EFCA chartered patrol vessels in Vigo on the 17th January 2023 and presented the BSAC position on the state of play of the implementation of the Baltic Sea Multiannual Plan during a PECH committee hearing on the 23rd January 2023. The cooperation with Lithuanian BALTFISH Presidency was also presented. The meeting also dealt with the implementation of the EU legislation such as the provisions referring to permanent cessation of fishing activities and the Delegated Act referring to the implementation of the ROOFLESS gear. A representative of DG Mare informed that the Commission will consult the Implementing Act related to the BALTFISH Joint Recommendation with the BSAC once the informal consultation with the Member States and within the Commission is concluded. There was also a theme session on climate change in the Baltic. Örjan Östman, Swedish University of Agricultural Sciences (SLU), Sweden presented Baltic Earth/HELCOM fact sheet on climate change. Frangiscos NIKOLIAN, Head of Unit in DG MARE UNIT A4 was invited to present the Commission's strategy for energy transition of the EU fisheries and aquaculture sectors. F. Nikolian underlined that the Commission calls on all stakeholders. including the Advisory Councils to work together to achieve the goals of the energy transition initiative and invited the BSAC to actively participate in the stakeholder 's consultations. The BSAC ExCom Chair stated that the BSAC is committed to participate in the consultations during the implementation of the energy transition initiative. François Bastardie, Senior Researcher, Section for Ecosystem based Marine Management, DTU Aqua, presented the relevant conclusions of the Commission's report on Climate change and the CFP. The ExCom decided to establish a Focus Group on energy transition

[Modtagerfelt] (bsac.dk)

• Focus Group Rules of Procedure, 10th February 2023, online

The third meeting of the Focus Group (FG) focused on the outstanding issue highlighted during the discussions at the ExCom in January. One member of the Focus Group had requested that the revised Rules of Procedure take better account of the small-scale fleets. The issue was discussed but the Focus Group could not reach an agreement. The FG decided to further discuss points relevant to the balanced and wide representation of all stakeholders and the emphasis on small-scale fleet at the next meeting of the FG due to the fact that not all FG members regard this issue closed. The FG decided to ask the Secretariat to update the draft to reflect the decisions taken at the meeting and thanked the Secretariat for the work done so far. The FG agreed to reconvene in the end of February (date to be decided) to agree on the final draft. BSAC - Focus Group Rules of Procedure

• Ecosystem-based Management Working Group, 17th February 2023, online

The meeting focused on the impact of offshore wind farms (OWF) on Baltic ecosystem and fisheries. The objective of the meeting was to formulate draft BSAC recommendations. The Working Group Chair referred to the core conclusions reached by the WG in October 2022



on the need for coordination between MS in terms of planning and legislation, setting coexistence principles for OWF and fisheries, compensations, and the need for stakeholder consultations. Gert van Hoey, the lead author of the European Commission report (Overview of the effects of offshore wind farms on fisheries and aquaculture) presented the overview of the effects of offshore wind farms on fisheries and aquaculture. He drew attention to the fact that the major socio-economic effects for fisheries are the loss of fishing grounds (economic value, but also emotional value), leading to effects on catch volume, gear conflicts (e.g. bottom trawl gears cannot operate within OWFs, restrictions in anchoring passive fishing equipment within OWFs) and changes in travel time from harbour to fishing grounds. Frédérick Herpers, representing the MSP Platform, presented the MSP Platform which provides, on request technical support to EU MS in the implementation of MSP Directive, as well as a global overview on MSP in each sea basin for all stakeholders. Johanna Fox, WWF Baltic Ecoregion Programme presented guidelines for planning "Offshore Renewable Energy go-to areas" (ORE go-to areas) in the Baltic Sea, under the amended Directive for Renewable Energy and the REPOWER EU Plan. Frédérick Herpers, EU MSP Platform presented the recommendations of the Platform on avoiding and resolving conflicts. The meeting agreed on draft conclusions on the effects of OWF, the Secretariat to develop them into a draft BSAC recommendations after the meeting. Following a written adoption procedure by the Working Group, the draft BSAC recommendations will be presented to the ExCom for approval. [Modtagerfelt] (bsac.dk)

• Focus Group Rules of Procedure, 27th February 2023, online

The fourth meeting of the Focus Group (FG) on the Rules of Procedure referred to the two outstanding points in the draft Rules of Procedure: one referring to the small scale representation and another to the approval of the BSAC advice on recommendations from ExCom. The FG decided to ask the Secretariat to make the final update of the draft Rules of Procedure. The FG decided that a presentation webinar on the draft Rules of Procedure will be organised in mid-March 2023.

BSAC - Focus Group Rules of Procedure

Pelagic Working Group meeting, 16th March 2023

The meeting discussed the Bothnian herring. The WG Chair informed that the European Commission will request ICES to conduct scientific analyses of the size and age structure of those stocks, and of the reasons for the observed reduced number of larger-sized herring, and identify possible measures to address this issue. The representative of DG MARE stated that the Commission is concerned about the problems affecting the central and Bothnian herring stocks. After long discussions on both stocks in the Council of Ministers in October 2022, the Commission and the Baltic Sea Members States had signed a Joint Statement about a request to ICES to conduct scientific analyses of the size and age structure of central Baltic Sea herring and Gulf of Bothnia herring and identify possible measures to address this issue. The WG Chair asked the representative of DG MARE to keep the BSAC updated on the process related to the special request to ICES for advice on herring stocks. The meeting discussed the exemptions provided for in Article 7 of the Council Regulation 2021/1888, already brought up during previous meetings of the BSAC. The BSAC provided a questionnaire to the BALTFISH Member States asking how the exemptions are implemented. BALTFISH presented the replies to the questionnaire



provided by the BSAC and sent to the Member States on interpretation of Article 7 of the Council Regulation 2021/1888. The Working Group decided to ask the BSAC Secretariat to prepare a letter to BALTFISH asking to maintain transparency and a level playing field consisting of fairly harmonised and equal implementation of the EU legislation in the Baltic, including the said derogation. The meeting also dealt with the application of the provision on the deduction of water and ice during pelagic landings which had been raised by a fisheries representative from Poland during the ExCom in Gdynia in October 2022. The Working Group did not reach agreement with regard to the possible revision in the application of the provision on the deduction of water and ice during pelagic landings. The Working Group decided to come back to the matter of water and ice deduction in pelagic fisheries during the consultation of the new Implementing Regulation to the revised Control Regulation.

Link to the report:

BSAC - BSAC Pelagic Working Group

Demersal Working Group meeting, 17th March 2023

The meeting discussed the proposed amendment to the derogation on closures to protect cod spawning, referring to the prohibition to fish with any type of fishing gear in subdivisions 25 and 26 from 1 May to 31 August and in Subdivision 24 from 15 May to 15 August, which is part of the Council Regulation (EU) 2021/1888, tabled during the last WG meeting in October 2022 by one BSAC member. The Working Group agreed on the need to evaluate all the measures implemented to protect cod spawning areas. In particular, the depth for the derogations and by-catch levels for each specific fishery should be considered. The Working Group agreed that a level playing field should be implemented across the different Baltic sub-divisions and exemptions from any protection measures should be granted in a fair way. The Working Group agreed that the lack of adequate scientific data and expertise should be addressed by the Member States and respective national scientific institutes. The Working Group decided to ask the BSAC Secretariat to draft a letter addressed to the Commission, referring to the derogation on closures to protect cod spawning (Council Regulation 2022/2090, Articles 7.2.b and 7.4.b) and to ask, among others for an evaluation of the measures implemented to protect cod spawning areas and a level-playing field in the application of the rules. The meeting discussed the draft BSAC recommendation on the conclusions of the STECF AER distributed by the BSAC Secretariat to the members before the meeting. The Working Group decided to ask the Secretariat to circulate the draft recommendation on the conclusions of the AER to the Working Group participants for comments. The Working Group decided that the final draft will be send to the ExCom for validation and then submitted to DG Mare in due time before the STECF meeting on 24th April 2023. The meeting agreed that the proposal should be further discussed with the BALTFISH Presidency. The meeting dealt with the Commission's Delegated Act for the flatfish gear and on the implementing act to the Technical Measures Regulation and a letter on this issue proposed by DFPO. After a long discussion, the Working Group agreed that any new gear should be fully operational on all vessels. The Working Group decided that technical issues related to the operationality of the gear have to be considered by the Commission before the gear becomes mandatory. The Working Group took note that some BSAC members had highlighted the need to move away from the current gear and to implement a new mandatory gear as soon as possible. The Working Group did not reach agreement on the draft letter proposed by the DFPO. The Working Group decided to ask



the BSAC Secretariat to compile all comments received from members during and after the meeting and to draft a recommendation. The recommendation will be finalised after the publication of the final text of the Implementing Act, as a reply to the public consultation, which, according to the information provided by the representative of DG Mare will take place in spring 2023.

BSAC - BSAC Demersal Working Group

External meetings

BSAC members and in particular the BSAC Secretariat have taken part in a string of meetings. These are listed here. Reports are always uploaded on the website and informed of in the BSAC newsletter. They are all available on request to the secretariat.

	1	,
Subject	Date	Name of who took part
EU Parliament Hearing on Cormorants (11-05-22)	11/05/2022	BSAC Vice Chair
Meeting STECF meeting on Landing Obligation	03/06/2022	ExCom Chair and Executive Secretary
BALTFISH Forum	21/06/2022	ExCom Chair and Secretariat
MIAC Annual coordination meeting	22/06/2022	ExCom Chair, EBM WG Chair
ICES-ACs		and Executive Secretary
MIACO - meeting between ICES, stakeholders, and the Commission	22-23/06/2022	ExCom Chair, EBM WG Chair and Executive Secretary
Annual Seminar on Fisheries Science	24/06/2022	Secretariat
The "Regional solutions for mitigating the seal-fishery conflict in the Baltic Sea – Interdisciplinary synthesis" project (RESOCO) Hybrid seminar	23-24/08/2022	Demersal WG Chair and Secretariat
WKSTARGATE – Workshop on Mixed Fisheries Advice, Copenhagen	22-25/08/2022	ExCom Chair and Secretariat
BALTFISH Forum, Vilnius, Lithuania and online	06/09/2022	ExCom Chair and Secretariat
HELCOM Baltic Stakeholder Conference 2022 Climate Change in the Baltic Sea online	26-27/09/2022	Secretariat
European Parliament PECH Committee	10/10/2022	Secretariat
EFCA Advisory Board meeting, 24/10/22, in Vigo/online	24/10/2022	ExCom Chair and Vice-Chair
Report HELCOM FISH working Group meeting	02-03/11/2022	ExCom Chair and the Executive Secretary
SEAwise Workshop: Communicating Uncertainty & Risk in Fisheries Management	10/11/2022	Secretariat
InterAC meeting	17/11/2022	ExCom Chair, Executive Secretary and BSAC Rapporteur



ICES special online meeting to explore the Information from stakeholders and look at concerns, opportunities and potential solutions	18/11/2022	Secretariat
3rd International Conference on Marine / Maritime Spatial Planning	22-23/11/2022	Secretariat
Mini Symposium: Optimizing sustainable fishing on rebuilt fish stocks	23/11/2022	ExCom Chair and Secretariat
European Parliament, PECH Committee meeting	01/12/2022	Secretariat
NSAC Climate Change & Fisheries Webinar	07/12/2022	Secretariat
Transition of the EU fleet towards low impact fisheries Workshop organised by WWF Poland	08/12/2022	Secretariat
Inter Ac Meeting Between Chairs And Secretariats: Coordination of ACs work programmes	11/01/2023	ExCom Chair and Secretariat
MIAC Annual coordination meeting ICES- ACs	12/01/2023	ExCom Chair, Chair of the Pelagic WG, Executive Secretary and Rapporteur
MIACO Meeting between ICES, Advisory Councils and other Observers	12-13/01/2023	ExCom Chair, Executive Secretary and Rapporteur
Informal consultation session of HELCOM BLUES – final project conference	17/01/2023	Secretariat
EU Biodiversity Platform, Sub-group on marine issues (Marine Expert Group under the Birds and Habitats Directives), Meeting of the Marine Expert Group (MEG)	02/03/2023	Secretariat
European fishmeal health and safety in relation to PFA contamination, EFFOP workshop	22/03/2023	Executive Secretary
European Parliament PECH Committee Public hearing "Marine pollution & its impact on fisheries".	28/03/2023	Secretariat
EFARO webinar: The future of the bottom trawl - online	31/03/2023	Secretariat

Scientific experts and special guests invited to BSAC meetings during the year At the Executive Committee on 11th May 2022

Audun Lem, Deputy Director of FAO Fisheries Division, Malin Wilhelmsson and Lena Tingström from the Swedish Agency for Marine and Water Management (SwAM), Leonie



Renwrantz from the German Federal Ministry of Food and Agriculture and Miriam Müller from the Federal Agency for Nature Conservation.

At the Joint WG 20th June 2022

Dorleta Garcia ICES ACOM Vice Chair

At the Executive Committee on 30th June 2022

Dorleta Garcia ICES ACOM Vice Chair

At the Pelagic Working Group 3rd October 2022

Jari Raitaniemi from the Natural Resources Institute (LUKE) David Gilljam and Katja Ringdah from the Swedish University of Agricultural Sciences (SLU)

At the Demersal Working group 5th October 2022

Gunita Deksne and Ivars Putnis from the Institute of Food Safety, Animal Health and Environment (BIOR) in Latvia, Petri Suuronen from Natural Resources Institute Finland (LUKE), Niclas Engene from the Swedish Agency for Marine and Water Management (SWAM)

At the Executive Committee on 25th October 2022

Raul Prellezo, principal researcher at AZTI, member of STECF.

At the Ecosystem based management Working Group on 26th October 2022

Ricardo Renedo Williams, from DG ENER, Charlotte Boesen, Danish Energy Agency, Natalia Zając from the Polish Ministry of Infrastructure, Goncalo Carneiro from Swedish Agency for Marine and Water Management (SwAM), Dr. Jan Vanaverbeke, the chair of the ICES WG on Marine Benthal and Renewable Energy Developments (WGMBRED), Dr. Andrew Lipsky, the chair of the ICES WG on Offshore Wind Development and Fisheries (WGOWDF), Jannica Haldin Deputy Executive Secretary of HELCOM.

At the Executive Commitee, 30th -31st January 2023

Örjan Östman, Swedish University of Agricultural Sciences (SLU), Frangiscos NIKOLIAN, Head of Unit in DG MARE UNIT A4, François Bastardie, DTU Aqua.

At the Ecosystem-based Management Working Group, 17th February 2023

Gert van Hoey, the lead author of the European Commission report, Frédérick Herpers, representing the MSP Platform, Johanna Fox, WWF Baltic Ecoregion Programme.

At the Demersal Working group on 17th March 2023

Mark Dickey Collas, Chair of ICES ACOM

Projects supported

The BSAC supports research and projects, but is not in a position to participate or provide support. Secretariat clear and swift in informing members, encouraging participation. This year, the BSAC had given its formal support to the **CIBBRINA EU LIFE Bycatch project** proposal that was accepted and will be starting next year.



+++++++

Keeping the BSAC members informed

BSAC members have received regular newsletters from the BSAC Secretariat. There have been 8 during the year. These have also been made available to observers and put on the BSAC website.

Finally, the BSAC had worked on a Communication Strategy that was endorsed by the Executive Committee. It includes a revision of the website to make it more user friendly and functional. It also foresees work on the outline and content of newsletters and a plan to widen its distribution scope.

Management Team

The Management Team has met 13 times during the year. The Management Team held virtual coffee meetings with the Lithuanian BALTFISH Presidency (5).

+++++++

Who are the members of the Baltic Sea Advisory Council?

The BSAC started the year 2022-2023 with 40 General Assembly members from fisheries associations, producer organisations, processors, market and trade organisations, environmental NGOs, and recreational and sports fishers. Amongst this membership, all Baltic Member States are represented. There is no quota system on members applying to the BSAC. Two new members arrived during the year: BalticWaters2030 and Baltic Salmon Rivers Association, bringing the membership to 42. The nice thing is that no one left during the year.

Note: Members are always encouraged to check the website and make sure the details are correct.

Who was who on the General Assembly 1st April 2022 - 31st March 2023

Fisheries Interests (29)		
The Fishermen's Association of	Danish Fishers Producer Organisation	
Bornholm and Christiansø		
European Association of Fishmeal	Danish Pelagic Producers Organisation	
and Fish Oil Producers		
Association for Low Impact Coastal	Estonian Fishermen's Association	
Fishery		
Federation of Finnish Fisheries	Finnish Fishermen's Association	
Associations		
Bundesverband der Deutchen	German Cutter-and Coastal-Fishermen's	
Fishindustrie und des	Association	
Fischgrosshandels E.V.		
Union of German Cutter Fishery	Association of Fisheries Protection	



Latvian Fisheries Association	Lithuanian Fisheries Producers' Association
The Association of Fishermen and	Association of Fishermen's of Sea- PO
Fish Processors Baltijos zvejas	
National Chamber of Fish Producers	Kołobrzeg Group of Producers Fish
Polish Association of Fish	Darłowska Group of Fish Producers and Shipowners
Processors	
The Fishermen Fish Producers	Sweden Pelagic Federation PO (SPF)
Organisation ORL-PR	
Fish Producers' Organisation Bałtyk	The Swedish Fishermen Producer Organisation
Polish Fish Producers Association	Fishermen's Federation for Small-Scale Fishery in
0	Sweden
Åland Islands Fishermen's	EU Fish Processors and Traders Association -
Association	Federation of National Organisations of Importers
	and Exporters of Fish
LIFE Low Impact Fishers of Europe	
	Interest Groups (13)
Swedish Society for Nature and	The Fisheries Secretariat
Conservation	
Danish Recreational Fishermen	Coalition Clean Baltic
Finnish Association for Nature	German Angling Association
Conservation	
European Anglers Alliance	CIPS International Confederation for Sport Fishing
Association of Recreational Fishing	Polish Ecological Club
Ships SAJKS	
World Wide Fund for Nature WWF	Baltic Waters 2030
Baltic Salmon Rivers Association	

What about the Executive Committee?

There is room for maximum 30 organisations on the Executive Committee, nominated and elected by the General Assembly. This means 18 for the fisheries interests and 12 for the other interest groups (OIG). The current Executive Committee runs from 2021 – 2024 (elected September 2021). The 18 seats of the fisheries college are full. Of the 12 seats for the OIG, 7 are filled. All updated on the website. ⁵

_

⁵ http://www.bsac.dk/BSAC-Members/Executive-Committee



Who are the office bearers?

Honorary Chair of the BSAC General Assembly

Ingemar Berglund ingemar.berglund@gmail.com

Chair of the BSAC ExCom – elected May 2022

Jarek Zieliński
Fish Producers' Organisation Baltyk
ul. Baltycka 1, 78-100 Kolobrzeg
Poland
fpaski@me.com

Vice Chair of the BSAC ExCom – elected May 2022

Sportfiskarna Aurorum 2 977 75, Luleå Sweden glenn.douglas@sportfiskarna.se

Chair of the Demersal Working Group

Teija Aho Swedish Fishermen PO Fiskets Hus Fiskhamnsgatan 33 S-414 58 Göteborg Sweden teija@guldhaven.se

Chair of the Pelagic Working Group

Lise Laustsen
Danmarks Pelagiske Producentorganisation
Axeltorv 3, 6.
1609 København V
Denmark
Il@pelagisk.dk

Chair of the Ecosystem Based Fisheries Management Working Group

Nils Höglund Coalition Clean Baltic Östra Ågatan 53 SE-75322, Uppsala Sweden nils.hoglund@ccb.se

The BSAC Secretariat

Executive Secretary

Guillaume Carruel Axelborg, Axeltorv 3, 6th floor 1609 Copenhagen V Denmark Tel: (+45) 20128949 sc@bsac.dk

Rapporteur Information Assistant

Ewa Milewska em@bsac.dk

Volunteer

Klavs Skovsholm volunteer@bsac.dk