



# ENERGY TRANSITION PARTNERSHIP INNOVATION AND RESEARCH WORKSHOP

Location: DG MARE ROOM J99  
00/53 , Brussels,  
Belgium  
Rue Joseph II, 99

Date: Wednesday, 28 February 2024

Time: 09.00 – 13.00 CET

## Background

Following on from the Communication on Energy Transition in EU Fisheries and Aquaculture of 21 February 2023 and the launch event of the Energy Transition Partnership in EU fisheries and aquaculture on 16 June 2023, the Energy Transition [Partnership](#) (ETP), will host a second workshop for stakeholders, this time on the topic of Innovation and Technology. It follows on from the [Finance workshop](#), held on 28 November 2023, and will also build on the panel discussions dedicated to innovation and technology [during the launch event of the ETP](#).

## Workshop Objective and Deliverables

The workshop aims to:

1. Map the current available innovation and technology opportunities for the energy transition, including gear and engine innovation and alternative fuels.
2. Explore and identify current innovation and technological gaps and possible solutions in areas of research towards the energy transition in fisheries and aquaculture sectors.
3. Explore and identify how we can collaborate and make use of synergies to advance innovation and research in the energy transition in the fisheries and aquaculture sectors.

The discussions between stakeholders will then be the basis for a summary paper, which will draw up the most important issues, challenges, opportunities and findings arising during the workshop. The summary paper will be used as input for the design of the roadmap for the energy transition in EU fisheries and aquaculture.

## Target Audience and Expected Inputs

The workshop is open to all stakeholders who expressed their interest in the Energy Transition Partnership coming from across fisheries and aquaculture, as well as other-related sectors, that have a genuine interest and role to play in enhancing the financing environment to accelerate the energy transition in the sector. Such sectors may notably be stakeholders from the fishers and aquaculture producers, financial sector, fishing port authorities, insurers, NGOs, Advisory Councils, researchers and academia, shipbuilders,

Member States and regional authorities dealing with relevant public (EU and National) funding tools plus EMFAF correspondents.

Stakeholders joining the Energy Transition Partnership in Fisheries and Aquaculture must be willing to work together in an interdisciplinary manner to participate and have their say in how the energy transition in the sector can be taking place. We warmly invite participants from all regions, levels of governance, representing different kinds of organisations, and sectors linked to the energy transition in fisheries and aquaculture to attend this event. We strongly encourage in-person participation to benefit from discussions as well as from networking possibilities.

The workshop will consist of a plenary introduction, followed by a session with short presentations on the available innovation and research opportunities with examples. Most of the programme will focus on one interactive breakout sessions (physical and hybrid) where stakeholders from different backgrounds will be organized in different groups and work together on identifying the challenges and solutions for innovation and technology for the energy transition. The main takeaways from the breakout session will be presented in a plenary. We ask that participants come prepared to the workshop, having reviewed this briefing paper, which sets out some initial ideas gathered from the event in June 2023 and the other discussions with stakeholders, plus the preparatory questions .

## Logistics

The workshop will take place on Wednesday 28 February 2024 in DG MARE premises (99 Rue Joseph II, Bruxelles, Room 00/53) from 09h00 to 13h00 (Registration start at 8:30). The workshop will also have a hybrid format, so that a limited number of stakeholders may participate online. In practice this means a maximum of 50 participants may attend in-person, and a max of 20 online. An application form will need to be completed choosing the preferred format for participating. Either online or in-person, participants are expected to contribute actively and to maintain a collaborative and constructive attitude. Those wishing to attend can find more information, as well as the sign-up on our page at <https://ec.europa.eu/eusurvey/runner/WorkshopEnergyTransitionPartnership>. Participants will have to indicate in the registration form whether they will participate in presence or online.

The workshop will be held in English, with no interpretation available.

Coffee and a light lunch after the workshop will be offered to the participants in the room.

## Feedback

Participating stakeholders may provide their feedback on the day and will also be given the opportunity to provide feedback until one week after the workshop. This feedback will inform future workshops and will help us facilitate engaging and constructive sessions for all. Finally, participant stakeholders' feedback and input will be inspiring the content of the roadmap to be prepared in 2024.

## GDPR policy for DG MARE Joining Forces for the Energy Transition Partnership Finance Workshop

Please be advised that photographs, video, and audio might be taken during the workshop. By applying to participate in this workshop, you are confirming that you agree for photos, video and comments made by yourself to be publicly viewable online. If you do not wish for photos, videos, or comments to be taken, please let us know by contacting us at [MARE-ENERGY-TRANSITION@ec.europa.eu](mailto:MARE-ENERGY-TRANSITION@ec.europa.eu). The EBF Data Protection Notice contains information about our compliance with GDPR (EU data protection law). In this document you can find how to send us a request to let you access your data that we have collected, request us to delete your data, correct any inaccuracies or restrict our processing of your data or you can again contact us at [MARE-ENERGY-TRANSITION@ec.europa.eu](mailto:MARE-ENERGY-TRANSITION@ec.europa.eu) for more information or concerns.

# Agenda

<b>8h30 – 9h00</b>	<i>Registration &amp; Welcome coffee</i>
<b>9h00 – 9h30</b>	Welcome and introduction to the day (Moderated by Stephen DAVIES (DG MARE))  Icebreaker  Introduction to the challenge of research and innovation
<b>9h30 – 10h30</b>	Presentations: <ul style="list-style-type: none"><li>○ Techno-economic analysis for the energy transition of the fisheries and aquaculture sector – Ecorys</li><li>○ Living Labs - <a href="#">ENoLL</a></li><li>○ Research and Innovation in Waterborne transport - <a href="#">The Waterborne Technology Platform V.Z.W.</a></li><li>○ Innovation in the <a href="#">Sustainable Blue Economy Partnership</a></li><li>○ Project examples in <a href="#">AZTI</a></li></ul>
<b>10h30 – 10h50</b>	<i>Coffee break</i>
<b>10h50 – 11h30</b>	Breakout session A:  Identification of technological and innovation challenges & research gaps
<b>11h30 – 12h15</b>	Breakout session B:  Identification of technological and innovation solutions & possible actions
<b>12h15 – 12h50</b>	Presentations of Conclusions and Recommendations by the groups
<b>12h50 – 13h00</b>	<i>Closing, incl. Next Steps</i>
<b>13h00 – 14h00</b>	<i>Light lunch networking</i>

## Guiding questions for the Workshop and to prepare up front

Please take into account your sector or industry when preparing your answers, as well as the different technologies available.

### Break out session:

#### A. Identification of technological and innovation challenges & research gaps

1. How do you judge the availability of technology/innovation for the energy transition in your sector? For fisheries, how do you assess the different technologies according to the type of fleet and the type of vessel? In aquaculture, for which activities do you see a need for more technology/innovation?
2. In which innovation area do you find is the lowest amount of relevant technology and innovation available taking place (e.g. alternative fuels, gears, engines, hull design, infrastructure)?
3. From your experience, what are the main challenges (e.g. availability, economical risk, uncertainty, infrastructure needed like ports, etc) you encounter in accessing and using new technology opportunities, according to your sector/industry (e.g. fisheries, aquaculture, shipping, gear manufacturer, ports, )?

#### B. Identification of technological and innovation solutions & possible actions

1. Regarding the current state of the transition in your sector, where do you believe is the most potential for innovation and research for accelerating the energy transition in the sector (e.g. alternative fuels, gears, engines, hull design, infrastructure)? What are the most feasible technologies to be implemented in your sector? Please take into account your business type (fisheries or aquaculture), the type of vessels used, etc.
2. What are the most important actions to be taken in the short term by the different group of actors in the energy transition, to overcome the current challenges in the availability and accessibility of innovation and technology? And what are the actions on the medium to long term?
3. How can the sector use synergies from other sectors on innovation and technology and how can this help advance the energy transition in the EU fisheries and aquaculture sector?