

Low-emission transport fuels

Technology and policy pathways to decarbonise shipping and aviation

4 October 2023

IEA Headquarters, Paris
Room 2

International
Energy Agency

iea

Wednesday, 4 October 2023

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| 9h00 CET | Registration and welcome coffee |
| 9h30 CET | Welcome and scene setting |
| 10h00 CET | Session 1: Low-emission fuel supply and infrastructure <ul style="list-style-type: none">• Production costs and technology developments• Scaling up fuel production and infrastructure <p><u>Moderated discussion:</u></p> <ul style="list-style-type: none">- What are the major barriers to lower production costs for low-emission fuels?- To what degree can existing fossil fuel infrastructure be repurposed to scale up production and distribution?- What is preventing the scale up of low-emission fuel production? What can policy do to support the scale-up?- How quickly can supply and infrastructure scale to 2030? |
| 11h30 CET | Coffee break |
| 11h45 CET | Session 2: Demand for low-emission fuels in long distance transport <ul style="list-style-type: none">• Low-emission fuels in shipping and in aviation <p><u>Moderated discussion:</u></p> <ul style="list-style-type: none">- How competitive are different low-emission fuels in long-distance transport?- What are the implications on vehicle technology and performance when shifting to low-emission fuels?- What technology developments and other strategies are vehicle manufacturers and fleet operators pursuing to reduce emissions?- What timeframes and fleet turnovers are being considered for such transition? |
| 13h15 CET | Lunch |
| 14h30 CET | Session 3: Creating a market for low-emission fuels <ul style="list-style-type: none">• Policy instruments for low-emission fuels• Aligning international, national, and regional policies <p><u>Moderated discussion</u></p> <ul style="list-style-type: none">- What instruments can be most effective in de-risking investments in low-emission production capacity and enabling infrastructure?- How can demand for low-emission fuels be created most effectively?- How can coordination between fuel suppliers, users and technology developers be improved?- What mechanisms are needed to ensure an effective coordination among local, national and international authorities? |
| 16h00 CET | Tour de table All participants: One key recommendation for IEA's future work in this area |
| 16h45 CET | Conclusions and next steps |
| 17h15 CET | Closing reception |

Participants

Personal Data Protection Notice for the “Low-emission transport fuels: Technology and policy pathways to decarbonise shipping and aviation” workshop

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