



ICAO Symposium on Non-CO₂ Aviation Emissions

16 — 18 September 2024
Montréal, Canada



The banner features a stylized illustration of a globe with a white airplane flying over it. The globe is green and blue, and the airplane is white with a blue tail. The background is a mix of green and blue, suggesting a natural environment. The sun is visible in the top left corner, and there are some green plants in the bottom right corner.

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Day 1 – Monday, 16 September 2024

| Assembly Hall (AH) | |
|---------------------|---|
| 09:00 – 09:20 | Welcome and Opening |
| 09:20 – 09:50 | Setting the Scene |
| 09:50 – 10:45 | Session 1: Scientific Knowledge – Historical overview & State-of-the-art <ul style="list-style-type: none">• This introductory session will give an historical overview of non-CO₂ aviation emissions and the current state of the scientific research.• It will also share information on the latest scientific knowledge amongst different organizations, including the impact modelling of non-CO₂ aviation emissions. |
| 10:45 – 11:15 | Coffee Break |
| 11:15 – 12:30 | Session 2: Enhancing Scientific Knowledge – Part I: Non-CO₂ Emissions and Particulate Matters. <ul style="list-style-type: none">• This Session will provide detailed information on non-CO₂ aviation emissions and particulate matters, and the latest knowledge on the impact of these emissions.• It will also share initiatives aiming at enhancing scientific knowledge on these emissions. |
| 12:30 – 14:00 | Lunch Break |
| 14:00 – 15:15 | Session 2: Enhancing Scientific Knowledge – Part II: Contrails <ul style="list-style-type: none">• This Session will provide detailed information on contrails and the latest knowledge on contrails and their climate impact.• It will also share initiatives aiming at enhancing scientific knowledge on contrails. |
| 15:15 – 15:45 | Coffee Break |
| 15:45 – 17:00 | High-Level Panel: When Science meets Policy Development <ul style="list-style-type: none">• This High-Level session will include discussions on the interaction between the state of the science and the development of policy. Discussions will involve the readiness of the scientific work to facilitate policy development. |
| 17:00 – 19:00 | Welcome Reception (TBD) |
| End of Day 1 | |

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Day 2 – Tuesday, 17 September 2024

| Assembly Hall (AH) | |
|---------------------|---|
| 09:00 – 09:10 | Daily Kick-Off |
| 09:10 – 10:30 | <p>Session 3: Mitigating Non-CO₂ Aviation Emissions – What is possible – Part I: Innovative Technologies</p> <ul style="list-style-type: none"> This Session will showcase ongoing and future initiatives on innovative technologies to mitigate Non-CO₂ Aviation Emissions. |
| 10:30 – 11:00 | Coffee Break |
| 11:00 – 12:30 | <p>Session 3: Mitigating Non-CO₂ Aviation Emissions – What is possible – Part II: Innovative Operations</p> <ul style="list-style-type: none"> This Session will showcase ongoing and future initiatives on innovative operations to mitigate Non-CO₂ Aviation Emissions. |
| 12:30 – 14:00 | Lunch Break |
| 14:00 – 15:15 | <p>Session 3: Mitigating Non-CO₂ Aviation Emissions – What is possible – Part III: Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuels (LCAF), and Cleaner Energy</p> <ul style="list-style-type: none"> This Session will provide information and initiatives to better understand the impact of aviation fuel composition on mitigating Non-CO₂ Aviation Emissions, including SAF, LCAF and cleaner energy, such as Hydrogen. |
| 15:15 – 15:45 | Coffee Break |
| 15:45 – 17:00 | <p>High-Level Panel: Mitigating Non-CO₂ Aviation Emissions – What is possible: Policy development</p> <ul style="list-style-type: none"> This High-Level Session will provide the opportunity for ICAO Member States and Industry to discuss the latest work on policy developments on non-CO₂ emissions from international aviation. |
| 17:00 – 19:00 | Reception (TBD) |
| End of Day 2 | |

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Day 3 – Wednesday, 18 September 2024

| | Assembly Hall (AH) |
|---------------|---|
| 09:00 – 09:10 | Daily Kick-Off |
| 09:10 – 10:30 | Session 4: Partnerships to act on (Part I) Research and Monitoring <ul style="list-style-type: none">This Session will discuss the role of each stakeholder and partnerships to increase research on Non-CO₂ Aviation Emissions. |
| 10:30 – 11:00 | Coffee Break |
| 11:00 – 12:30 | Session 4: Partnerships to act on (Part II) Implementing Mitigation Measures <ul style="list-style-type: none">This Session will discuss the role of each stakeholder and partnerships in implementing Non-CO₂ Aviation Emissions mitigation measures. |
| 12:30 – 14:00 | Lunch Break |
| 14:00 – 15:15 | Session 5: Way Forward on Non-CO₂ Aviation Emissions <ul style="list-style-type: none">This Session will discuss possible ways forward, including by showcasing future inspiring initiatives and ideas on this topic worldwide. |
| 15:15 – 15:45 | Coffee Break |
| 15:45 – 16:45 | High-Level Panel: Way Forward on Non-CO₂ Aviation Emissions <ul style="list-style-type: none">This High-Level Session will provide the opportunity for ICAO Member States and Industry to discuss what the sector can do now and in the future on non-CO₂ emissions from international aviation. |
| 16:45 – 17:00 | Closing Session |
| 17:00 – 19:00 | Closing Reception (TBD) |

End of the ICAO Symposium on Non-CO₂ Aviation Emissions