

ANCEN Work Programme (v1.0)

This document summarises the ANCEN high-level work programme for 2024/2025. Further information can be found on the ANCEN [website](#).

Task #	Title	Description	Deliverables	Deliverable Target Date
1	Terminology	Establish key common terminology to support discussions and assessment (drawing on IPCC language).	Report	Q4 2024
2	Assessment Framework	Develop framework to communicate the level of uncertainty as a confidence level and likelihood for risk assessment and monitor how this evolves over time, including an example of how to implement the framework (drawing on IPCC approach).	Report	Q1 2025
3	Process to support robust decision-making	Identify elements of a process on data / measurements / model development that are needed to ultimately support robust decision-making and implementation / monitoring / review of measures. <ul style="list-style-type: none"> • Draw on experience of developing environmental impact assessment capabilities / guidelines in other contexts (e.g. local air quality, noise), including validating models / system approach. • Consider how this relates to the current status in the climate domain to support validation of the system approach (Link to Task 4). 	Report	Q1 2025
4	Gap Analysis	Perform a gap and prioritisation analysis, and maintain over time, to optimize future aviation related research in critical areas and avoid duplication (Link to Task 3). This would include the following: <ul style="list-style-type: none"> • Science / Met domain, taking into account the wider research field and how it could be related to aviation (e.g. cloud modelling, aerosol-cloud interactions). • Climate impact modelling assessments, including influences that are not captured at all or not by many models. • Characterization of non-CO₂ emissions for different fuel types / engine types. • Issues / best practice processes to facilitate implementation of mitigation measures by stakeholders (fuels, technology, operations) drawing on relevant data (e.g. direct and indirect observations). • Identification of funding streams / future calls. • Coordinate with international partners working on this topic following discussions within Europe. 	Report	2025 Annual Meeting
5	CAEP Best Practises	Briefing Note explaining current CAEP best practices on emissions modelling <ul style="list-style-type: none"> • cruise emissions • developments of NOx emissions for lean burn engines 	Report	Q1 2025 (post CAEP/13)

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6	Maintain overview of non-CO ₂ related work	<p>6.1 Updates to the Overview of historic and on-going work linked to the effects of aviation non-CO₂ emissions on climate change.</p> <p>6.2 Creation of an initial register of available non-CO₂ related data sources.</p> <p>6.3 Share data / information on research studies in order to facilitate a common understanding on conclusions presented.</p> <p>6.4 Global calendar of related events where relevant (e.g. ICAO non-CO₂ Symposium).</p>	<p>Report</p> <p>Report</p> <p>Data / Information</p> <p>List of events</p>	<p>Every 6 months</p> <p>Annual meetings</p> <p>As requested</p> <p>Every 6 months</p>
7	Communication	<p>7.1 Consider how to clearly communicate on climate impacts of STCF and LTCF emissions in different future scenarios to place non-CO₂ impact in context with CO₂ (e.g. impact of COVID and stabilising non-CO₂ emissions). To complement RF/ERF backward looking information.</p> <p>7.2 Fact Sheets / Briefing Notes / FAQs on topics linked to non-CO₂ emissions climate impacts.</p> <p>7.3 ANCEN Members to act as liaisons with other non-CO₂ projects / initiatives to facilitate sharing of information.</p>	<p>Briefing Note</p> <p>As required</p> <p>Information exchange</p>	<p>Q1 2025</p> <p>TBD based on topic</p> <p>ANCEN Members</p>
8	International Partners	Outreach to relevant international partners working on the topic of climate impacts from aviation non-CO ₂ emissions.	As needed	Ongoing
9	Technical support to Policymakers	Provision of objective, timely, common and credible technical advice.	As requested	TBD based on topic