

# GREEN ATM

ENVIRONMENTAL  
ACCREDITATION PROGRAMME

CAN SO

“CANSO is proud to be bringing its Members a comprehensive programme that will both evaluate their current environmental efforts and inspire additional action”

**Simon Hocquard**  
Director General

## What is the GreenATM programme?

CANSO GreenATM is an environmental accreditation programme to provide air navigation service providers (ANSPs) with an independent, industry-endorsed, accreditation of their environmental efforts. Through the programme your organisation will be assessed on how you facilitate minimising excess emissions in your airspace, as well as efforts to reduce your own direct environmental footprint.

GreenATM covers a range of topics related to governance and policy, ground/terminal and en route operations, infrastructure, and procurement practices. ANSPs will be assessed against 5 defined levels for each topic.

## Why is the GreenATM programme needed?

While there are a variety of programmes which offer companies frameworks or standards to align their environmental activities none fit the unique nature of an air navigation service provider.

The CANSO GreenATM Programme draws on objectives and strengths of other accreditation or certification schemes, but was uniquely designed for ANSPs. GreenATM is specific to the structural, organisational, and operational environment of ANSPs and focusses specifically on areas in which an ANSP can positively influence emissions and other environmental factors. It provides a useful guide to support the advancing maturity of ANSPs' environmental actions.

## What are the benefits of participating?

GreenATM provides an objective validation of an ANSP's efforts to increase sustainability and environmental management and in doing so enhances credibility with the public and other stakeholders.

By highlighting the areas an ANSP can positively influence its own environmental footprint and that of its customers, it reveals a path to higher ambition and provides a framework for engagement with stakeholders and employees on climate action, which helps identify priorities and stimulate future activity.

The programme has been designed to meet the needs of small and large ANSPs and can be adapted in circumstances where the ANSPs area of responsibility varies.

As participation in the accreditation programme grows, best practice will be uncovered and shared across the industry. This will inspire coordinated action between ANSPs enabling delivery of initiatives that will greatly benefit the environment.

Joining GreenATM will showcase your organisation's positive initiatives and the beneficial impacts its making, while highlighting the ATM industry's efforts to continuously improve its environmental efforts.



# How does the programme work?

## Accreditation Levels:

GreenATM has been built on recognised maturity model levels, such as CANSO's Standards of Excellence in Safety Management Systems and Cybersecurity in order to recognise the maturity of an ANSP's efforts to manage environmental impacts across a broad range of subjects.



### LEVEL 1: Informal arrangement

**Level 1** recognises the early stages of environmental and sustainability consciousness and action within an organisation. At this stage the organisation is aware and acknowledges that by changing business policies and practices they can reduce the environmental impact of the ANSP directly and those of airspace users. Some positive action is occurring in specific areas, but isn't coordinated as part of a larger strategy of environmental and sustainability focused corporate activities.

### LEVEL 2: Defined

An ANSP at **Level 2** has, or is preparing, strategies and implementation plans for initiatives that will reduce their environmental footprint and that of their customers. At Level 2, planning is evident and processes are becoming defined but are not yet fully documented or consistently applied. There are ad hoc initiatives and positive environmental activities going on across the organisation, but without formal funding and organisation-wide coordination.

### LEVEL 3: Managed

**Level 3** indicates the ANSP's environmental management activities are being actively implemented across the organisation. New sustainable practices and processes may not yet be implemented everywhere nor embedded to the point where the new culture and behaviours are automatic and sub-conscious. Activity continues to be dependent on individual efforts and there is no expectation that environmental performance is being measured or that benefits realisation is being analysed.

### LEVEL 4: Assured

**Level 4** will be awarded to ANSPs that have successfully implemented environmental sustainability measures broadly in airspace for which they are responsible and in their workplace. ANSPs at Level 4 have also implemented active monitoring, verification, and measurement processes as a means to drive improvement.

### LEVEL 5: Optimised

**Level 5** recognises the highest level of environmental maturity and ANSPs achieving this level will be industry leaders and beacons of best practice. ANSPs will have fully implemented numerous strategies to positively influence their environmental footprint and be actively looking for new initiatives and improvements within existing activities through their involvement in research or trials. They also take a principled view of transparency with respect to their environmental performance and publish results, including metrics, on a regular basis to highlight to the industry, stakeholders, and the public, the positive impact the organisation is making and where it is continuing to focus its efforts.

ANSPs will be accredited at a single level. The awarded level will be a "weighted average" of achievement across the four categories that will be introduced in the upcoming sections within this document.

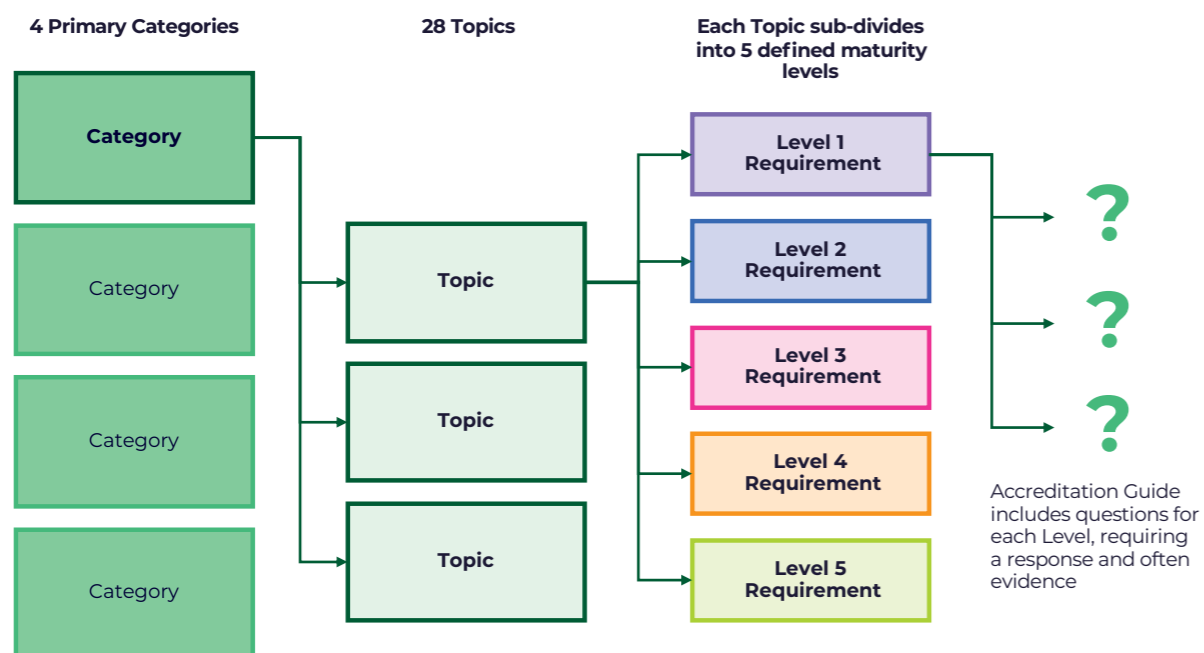


## Structure of the Programme:

GreenATM is structured around Categories, Topics, and requirements for each maturity level. Categories represent areas of environmental action and each category encompasses several topics.

Each topic has a defined objective and requirement statement for each of the 5 maturity levels. Questions and supporting guidance have been prepared to assist your understanding of the topic's maturity level requirement.

An ANSP's level of maturity is likely to vary depending on the topic, for example, an ANSP may be at Level 4 on one topic and Level 2 on another. ANSP's will be accredited a single level based on a "weighted average" of achievement across the four categories.



## The topics in each of the four categories are:

Governance	Improved ATM	Infrastructure & Utilities	Other
<ul style="list-style-type: none"> <li>• Mission &amp; Policy</li> <li>• Environmental Management System</li> <li>• Environmental Targets</li> <li>• Education and Awareness</li> <li>• Controller Training</li> </ul>	<ul style="list-style-type: none"> <li>• Flexible Airspace</li> <li>• MET</li> <li>• Improved Surveillance</li> <li>• CDM</li> <li>• PBN</li> <li>• Surface operations</li> <li>• CCO</li> <li>• CDO</li> <li>• Wake</li> <li>• FRA</li> <li>• Flex Track Routes</li> <li>• ATFM</li> <li>• Research &amp; Development</li> </ul>	<ul style="list-style-type: none"> <li>• CNS Rationalisation</li> <li>• CNS Flight Inspection</li> <li>• Waste</li> <li>• Water</li> <li>• Energy Management</li> <li>• Power and utility procurement</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable procurement</li> <li>• Airport and Community Relations</li> <li>• Airspace Change Management</li> <li>• Employee Travel</li> </ul>

## Scoring:

Within the questionnaire, each topic has an objective that illustrates what is being evaluated and each level has a requirement statement indicating what is expected of an organisation at that level. Guidance is provided to illustrate what evidence is required.

There are a total of 100 points available at each level. The table below highlights how the points are split between the categories. More points are awarded to those topics that deliver greater environmental benefit. This should incentivise a higher level of action in those areas that promise to deliver the greatest emissions reductions or other environmental benefits.

ANSPs will be awarded the highest level at which they achieve 80 out of the 100 points.

Category	Points available per level
Governance	15
Improved ATM	65
Infrastructure and Utilities	14
Other	6

## How to participate

If your organisation is interested in taking part in the CANSO GreenATM programme you will be sent the Guide to GreenATM Accreditation, which outlines in detail how the programme works and provides topic overviews, and the Accreditation Questionnaire.

You can take as long as you like to complete and submit the questionnaire, and gather evidence to support your answers. Submissions will be accepted at any time throughout the year.

Assessments will be completed during the ensuing 3 month period following your submission. During this period several workshops will be organised to enable assessors to ask questions of clarification.

Provisional assessments will be reviewed by a CANSO Accreditation Panel which meets quarterly to ensure programme integrity and consistency. Following the Panel meeting, the accreditation decision will be communicated to you and a report will be provided.

Once your accreditation level has been identified, you will be able to use the colour coded GreenATM programme logo for that level in presentations, on reports or websites. CANSO will also hold an Award Ceremony at least once per year at which ANSPs accredited that year will receive their awarded levels.

## Accreditation Validity:

The awarding of an accredited level is good for one to three years, depending on circumstances.

During the first three years annual renewal is required. A streamlined process and lower fee will apply to renewals. Once you have been consistently awarded a particular accreditation level for 3 years or more you can move to a three year renewal cycle.

If at any time you wish to apply for assessment at a higher level of accreditation than your current level you must complete the full application providing evidence for the higher level.

For more information on GreenATM please contact: **GreenATM@think.aero**

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