




# CANSO's environmental accreditation scheme

Valencia, 24 October 2023

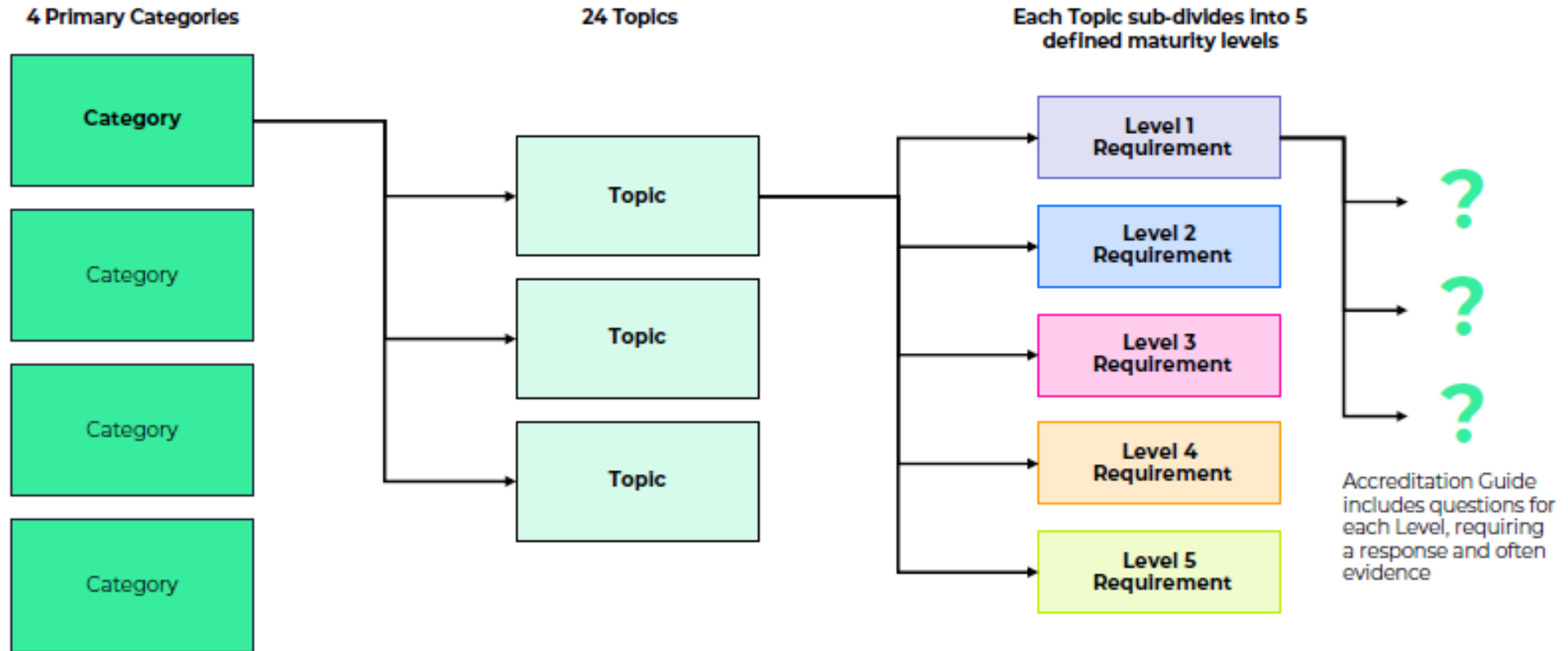
# What is GreenATM?

- An industry endorsed environmental accreditation programme
  - Assesses ANSPs with respect to their direct environmental impact, as well as their efforts to facilitate the reduction of emissions by airspace users
  - Designed on a maturity model to serve as a guide for ANSPs looking to improve their performance
  - Broad in scope (procurement, noise, energy, trajectory optimization) with heavy focus on the areas in which ATM can make the largest positive impact
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# Objectives

- **Fill a gap.** While there is a proliferation of ESG programmes, none fits the unique nature of ATM.
- Provide **objective validation** of an ANSPs efforts, enhancing transparency and credibility with the public and stakeholders
- Provide a **framework for engagement** with stakeholders on environmental issues
- Lay out a path to **higher ambition** for those looking to where they can do more
- Incentivise focus on where ATM can make the **biggest impact**
- **Recognise and benchmark** ANSPs efforts and achievements in reducing environmental footprint
- Allow the ATM community to **highlight best practices** and shared learning and inspire coordinated action that can deliver real environmental benefits

# Accreditation scheme structure



# Scoring

GOVERNANCE	CATEGORY POINTS	POINTS AVAILABLE PER TOPIC PER LEVEL
Policy & plan	12	3
Environmental Management System		3
Environmental culture		4
Environmental targets		2
INFRASTRUCTURE & UTILITIES	CATEGORY POINTS	POINTS AVAILABLE PER TOPIC PER LEVEL
Energy management	14	4
Power procurement and production		5
CNS Rationalisation		3
CNS Flight Inspection		2
OTHER	CATEGORY POINTS	POINTS AVAILABLE PER TOPIC PER LEVEL
Sustainable procurement	9	2
Airport/community relations		2
Airspace change management		2
Mobility management		3

IMPROVED ATM	CATEGORY POINTS	POINTS AVAILABLE PER TOPIC PER LEVEL
Flexible Use of Airspace (FUA)	65	7
Meteorological Information		4
Improved surveillance coverage		7
Airport – Collaborative Decision Making (A-CDM)		3
Surface Movement		4
Continuous Climb Operations (CCO)		4
Continuous Descent Operations (CDO)		6
Performance-Based Navigation (PBN)		7
Wake turbulence optimisation		3
Trajectory Optimisation		7
Air Traffic Flow Management		7
Research & Development		6

# How it works

- ANSPs request the full questionnaire
- Complete questionnaire for each topic, starting at Level 1, up to and including the highest level at which they meet the objectives.
- Collect documentation as evidence to their answers (reports, communications, training plans, etc.)
- Submit completed questionnaire and evidence
- Documentation is reviewed by THINK Research against program criteria.
- Workshop calls are held for clarification as submission is being assessed
- THINK presents scoring and recommendation to 5 Member GreenATM Panel for review and approval of final award level

# GREEN ATM

**GREEN  
ATM**   
LEVEL 1

**GREEN  
ATM**   
LEVEL 2

**GREEN  
ATM**   
LEVEL 3

**GREEN  
ATM**   
LEVEL 4

**GREEN  
ATM**   
LEVEL 5

# The first accreditation

- Swiss ANSP Skyguide was awarded Level 3 accreditation in March 2023
- Other ANSPs are going through the application process





# CANSO



SHAPING OUR FUTURE SKIES