

# Greenhouse Gas Removals Advanced Market Signal Appendix 1

Principles and Technical Criteria

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## **Core Considerations**

### **Reward existing effort**

Sustainable Aviation Advanced Market Signal (AMS) members should see the benefit of previous, existing and planned efforts reflected in communications associated with AMS.

### **The market is in transition**

The AMS should set out the transition to high integrity durable removals only but reflect the journey the sector is on.

### **Alignment with Government and recognised standards**

Although a voluntary commitment, the terms of the AMS should align to an emerging compliance market policy framework.

## **Key reference points for alignment**

- Airport Carbon Accreditation Scheme Level 5 (Net Zero) eligible units;
- Units aligned with The Integrity Council for the Voluntary Carbon Market (ICVCM) Core Carbon Principles (CCPs) when purchased in the international voluntary carbon market;
- The prevailing rules for GGR eligibility in the UK Emissions Trading Scheme (when available); and
- Any emerging rules governing carbon removal under any future CORSIA scheme after the conclusion of the second phase in 2035, subject to consultation on their satisfactory alignment with the CCPs.

## **Technical qualifications of Greenhouse Gas Removals**

### **Transparency in measurement, reporting and issuance**

Credits should be robustly quantified, monitored, validated, reported and verified by an accredited and independent third party. Information on credits should be publicly available in electronic format and accessible to non-specialised audiences.

Credits should be issued via a registry to ensure they can be identified securely and unambiguously.

### **Use of established and credible projects**

SA will recognise all registries with eligible removals units with CORSIA and ICROA endorsement but note that registries continue to be reviewed and evolve over time.

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## **Additionality**

The greenhouse gas (GHG) emission removals from the mitigation activity shall be additional, i.e. they would not have occurred in the absence of the incentive created by carbon credit revenues.

## **Durability**

There is a preference for GHG removals from the mitigation activity to be of high durability.

In line with this, the AMS will focus primarily on removals classified under Type V in the Oxford Principles for Net Zero Aligned Carbon Offsetting, with carbon removal to the geosphere.

The AMS will also prioritise high integrity UK-based Type IV removals (carbon removal to the biosphere) to support the scaling of the UK market.

All removal credits will meet a minimum durability of 100 years with an aspiration to move towards 200+ years in order to support UK-based nature-based solutions.

## **Only counted once towards a mitigation obligation**

The GHG emission removals from the mitigation activity shall not be double counted, i.e., they shall only be counted once towards achieving mitigation targets or goals. Double counting covers double issuance, double claiming, and double use.

## **No net harm**

Removals should conform with or go beyond widely established industry best practices on social and environmental safeguards while delivering positive sustainable development impacts.

A system must have measures in place to assess and mitigate incidences of material leakage. Removal credits should be generated from projects that do not cause emissions to materially increase elsewhere (this concept is also known as leakage).

Removal credit programs should have an established process for assessing and mitigating leakage of emissions that may result from the implementation of a removal project or programme.

## **Origin of credits**

Sustainable Aviation should outline the need for both domestic and international credits as part of its transition as an international sector – provided that credits are of the same high quality and integrity.

For the purposes of the AMS and scaling the domestic GGR market, preference should be shown to credits of a domestic origin but international credits will be eligible as part of the AMS.



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