

**Agenda item 3.4.**

Paragraph 16 (c) of the annotated agenda

**PMM007: Recovery and plasma-based destruction of residual HFCs remaining in ISO tank containers**

**Methodological Expert Panel – 12<sup>th</sup> meeting**

9 to 13 March 2026

Bonn, Germany



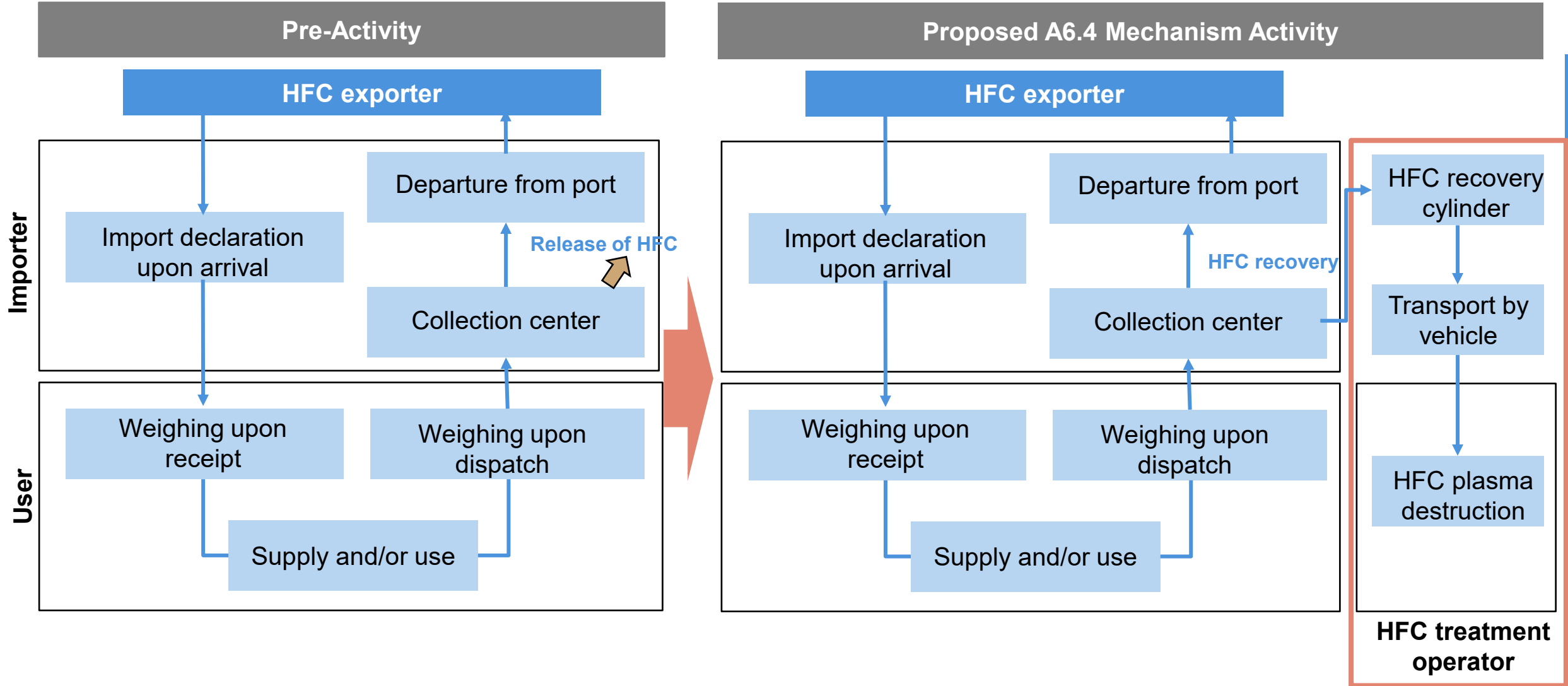
## Procedural background

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- The secretariat received the ‘PMM007: Recovery and plasma-based destruction of residual HFCs remaining in ISO tank containers’ on 28 November 2025 initially, with a resubmission received on 12 January 2026;
- It was concluded that the proposed methodology qualified for further technical consideration following its initial assessment;
- The call for Public Input (CfPI) was launched on 13 February which concluded on 06 March 2026.
- The small group on PMM007 convened on 03 March 2026 to hold its initial discussions.
- The CfPI was concluded on 06 March 2026 with 3 submissions.



# Summary of the New Baseline and Monitoring Methodology (1/3)



### Scope

- The proposed methodology applies to Article 6.4 activities that reduce emissions of hydrofluorocarbons (HFCs) remaining in industrial tank containers after use, which would otherwise be released into the atmosphere.

### Emission Reduction Mechanism

- Emission reductions are achieved through the conversion of residual HFCs into carbon dioxide (CO<sub>2</sub>) via an oxidation reaction with oxygen (O<sub>2</sub>) using plasma-based destruction technology.



## Summary of the New Baseline and Monitoring Methodology (2/3)

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**Key Applicability Conditions** under this proposed new methodology:

- ✓ HFC destruction facilities used in the Article 6.4 activity are newly installed facilities;
- ✓ The HFC destruction facility applied in this project is an HFC-dedicated destruction facility that applies plasma destruction technology;
- ✓ Prior to the implementation of the activity, residual HFCs in ISO tank containers returned to HFC importers were released into the atmosphere;
- ✓ ISO tank containers returned to HFC importers must not have any inflow of other HFCs from external sources;
- ✓ The implementation of the Article 6.4 activity does not generate cost savings or revenues other than revenues from A6.4ERs.



## Subsequent work and timelines

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1. At MEP 012, the small group will continue its technical consideration of the proposed mechanism methodology.
2. The small group may further examine issues requiring clarification, as well as inputs received through the Call for Public Input (CfPI), and identify any additional information needed to advance its assessment.

