



# **ICAO progress on global Market-based Measure and international MRV**

**November 5, 2015 Brussels**

**Rasa Sceponaviciute  
DG CLIMA, European Commission**

# What kind of MBM?

*MBM type: global mandatory offsetting*

*Goal: Carbon neutral growth as of 2020*

*Start of the system: 2020*

*Baseline emissions monitoring: 2018 - 2020*

# Environmental Advisory Group (EAG)

- *continuous, but slow progress on methods to distribute offsetting obligations among participants*
- *emerging work on the governance of the global Market-based Measure*
- *reporting to UNFCCC and related risks*

## Distribution of obligation

- **Operator based approaches:** *offsetting amount based either on individual or operators growth or a mix*
- **Route based approaches:**
  - *First, offsetting obligation is set on route groups to address differentiation needs of States (e.g. phase-in)*
  - *Second, obligation is distributed for operators (using one of operator based approaches)*

# Potential roles under the global MBM:

**ICAO:** *development of implementing rules; global oversight, management of central registry; calculation of annual obligations of the aviation sector;*

**States:** *implementation of the global MBM on the national aircraft operators;*

**Aircraft operators:** *monitoring, verification and reporting of emissions, purchasing and cancelling emissions units;*

# GMTF Technical task force for the Global MBM (GMTF):

- *further development of recommendations on the monitoring, reporting and verification rules for the global MBM*
- *preliminary eligibility criteria for emissions units*
- *analytical work on the impacts of the various methods for distribution of obligations*

## Preliminary MRV recommendations:

**Identification of operators:** a tiered method, with the ICAO designator as the primary source of identification;

**Monitoring methods:** 2 tiers with a menu of methods under each tier; uncertainty thresholds for tiers;

**3 step verification pathway:** internal pre-verification; third party verification; order of magnitude checks by State authority

**Reporting:** preference for electronic online tools and common reporting language

## MRV remaining issues:

- *Procedures for small emitters*
- *Thresholds for monitoring tiers 1 and 2*
- *Alternative fuels:*
  - *Emissions factors (to be based on the LCA analysis)*
  - *Monitoring and tracking methods for fuel use*



## Roadmap to the Assembly:

**December 2015:** Reporting to the UNFCCC in Paris

### 2016:

**January- March:** final meetings of EAG and GMTF

**April:** Global aviation Dialogues (2<sup>nd</sup> round)

**June:** ICAO Council meeting

**June:** High Level Meeting on the global MBM

**September:** 39<sup>th</sup> ICAO Assembly