

# **Aviation and EU ETS verification and accreditation**

**ETS Verification Forum**

**19 November 2008**

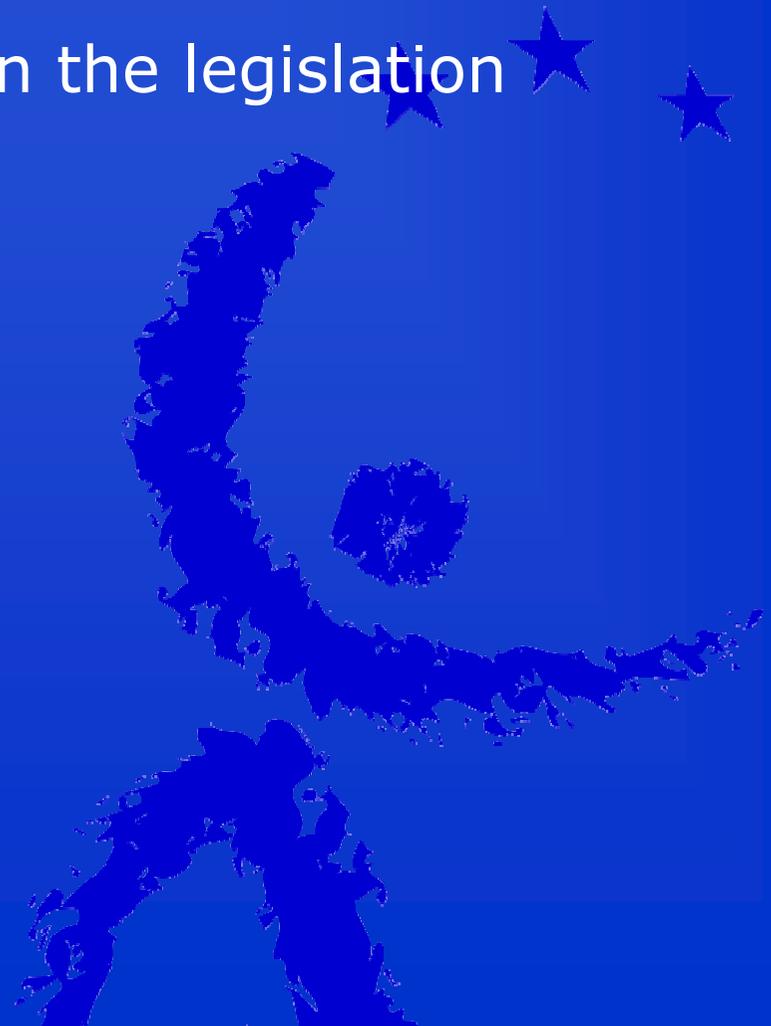
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# Agenda



- ★ Status of main aviation ETS legislation
- ★ Verification requirements in the legislation
- ★ Timing
- ★ MRV guidance



# Overview of aviation ETS legislation



- ★ Parliament voted for a compromise package in July
- ★ Approval by Council on 24 October
- ★ Publication and entry into force early next year (late January)
- ★ 12 months of Member States to implement

# 2 types of reports to be verified for aviation



## ★ Annual emissions report

- annual verification cycle as with other sectors

## ★ Tonne-kilometre report

- purpose is to collect aircraft operator activity data
- means of benchmarking operators to allocate free allowances
- reporting once per compliance period and for special reserve
- report must be verified

# Aviation Directive amends general ETS verification requirements



## ★ Article 15 completely replaced

- Now requires that **all** emissions reports verified in accordance with '*detailed provisions adopted by the Commission*'
- With reports from aircraft operators:
  - The Commission able to adopt detailed provisions for the verification of emissions reports and tonne-km reports
  - May include provisions on the '*verification procedures to be used by verifiers*'

# Timing

- ★ Aviation included in the ETS from 2012
- ★ Precompliance emissions reporting in 2010 and 2011
- ★ Benchmarking (tonne-km) reports in 2010
- ★ Action required in 2008 and 2009

# Annual emissions compliance calendar



Task	Phase II																Phase III			
	2009				2010				2011				2012				2013			
	Jan'09	Apr'09	Jul'09	Oct'09	Jan'10	Apr'10	Jul'10	Oct'10	Jan'11	Apr'11	Jul'11	Oct'11	Jan'12	Apr'12	Jul'12	Oct'12	Jan'13	Apr'13	Jul'13	Oct'13
Submit monitoring plan to CA			◆																	
Approve pre-trading monitoring plan				◆																
Pre-trading scheme monitoring period					■															
Submit updated monitoring plan to CA											◆									
Approve trading monitoring plan												◆								
Monitoring period													■							
Write emissions report										■				■					■	
Verify emissions and report					■															
Submit verified report to CA										◆				◆					◆	
Surrendered allowances																			◆	

European Commission	■	Aircraft operators	■	Competent Authority / Member States	■	Verifiers	■
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# Tonne-km compliance calendar



	Phase II																Phase III			
	2009				2010				2011				2012				2013			
	Jan'09	Apr'09	Jul'09	Oct'09	Jan'10	Apr'10	Jul'10	Oct'10	Jan'11	Apr'11	Jul'11	Oct'11	Jan'12	Apr'12	Jul'12	Oct'12	Jan'13	Apr'13	Jul'13	Oct'13
Publish list of aircraft operators	◆																			
Submit monitoring plan		◆																		
Obtain monitoring plan approval			◆																	
Monitoring period					■															
Write tonne-kilometre report									■											
Verify data					■															
Submit verified data to CA									◆											
Submit applications to EC										◆										
Calculate allocation benchmark											◆									
Publish allowance allocations												◆								
Issue allowances													◆				◆			

European Commission	■	Aircraft operators	■	Competent Authority / Member States	■	Verifiers	■
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- Allocation of special reserve requires t/km data for 2014

# MRV – current status



- ★ Recently closed a stakeholder consultation
  - approx 50 responses
- ★ Inputs will help consultants finalise MRV proposals
- ★ Member state expert working group active
- ★ Aim to have good draft proposal in December
- ★ Final draft in January?

# Indicative timetable for aviation MRV



- ★ Adoption by comitology – regulatory procedure with scrutiny
- ★ Committee vote soon after main legislation enters into force (e.g. February 2009)
- ★ Adoption by Commission 4 months later (e.g. June 2009)

# Summary



- ★ New type of report to be verified – activity data measured in tonne/km
- ★ Commission able to adopt provisions on verification (for aviation only) as implementing legislation
- ★ Action required by all in 2008 and 2009
- ★ Aim to finalise MRV guidance soon

# Further information on our web site



## Aviation and climate change website

[http://ec.europa.eu/environment/climat/aviation\\_en.htm](http://ec.europa.eu/environment/climat/aviation_en.htm)

## EU ETS MRV website

[http://ec.europa.eu/environment/climat/emission/mrg\\_en.htm](http://ec.europa.eu/environment/climat/emission/mrg_en.htm)