



# Aviation in the EU ETS

You know aviation. We know emissions.

# **EU Aviation Emissions**

***“Member States shall ensure that each ... aircraft operator reports [carbon] emissions during each calendar year ... from 1 January 2010***

***In the event that an aircraft operator fails to comply ... [the] Member State may request ... an operating ban.”***

-- EU DIRECTIVE 2008/101/EC



# EU Emission Trading Scheme

- The EU has decided to reduce greenhouse gas (GHG) emissions from all flights to / from its territory during the years 2012-2020.
- Airlines will join the EU Emissions Trading Scheme (EU ETS), and will receive **emissions allowances**.
- To receive allowances, airlines must monitor emission data starting January 2010 and have this data verified by an accredited company.
- Beginning in 2012, airlines will have to surrender emission allowances for every ton of carbon they emit.

**Airlines that do not have enough allowances will have to buy them in the carbon market or face a €100 / ton fine.**

# Monitoring Plan Approval

- Airlines must receive EU approval for plans on how they will monitor the data by December 31 2009.\*
- These monitoring plans are of great importance to the airline:



**They directly impact the airline’s allowance allocation.**

**Unrealistic monitoring plans will force the airline into high compliance costs.**

**With our extensive experience, we can help you avoid these risks.**



\*Some EU states have postponed this deadline, although please note that any delays bring additional risks and costs.

# Monitoring Plan Services (Phase I)

- ✓ **Full Monitoring Plan Services:** Preparation based on your existing systems and the EU requirements, through to final approval.
- ✓ **Monitoring System Gap Analysis:** Review existing monitoring systems in order to help you adapt them to the EU requirements.
- ✓ **Monitoring Plan Review:** Review the monitoring plan to identify its strengths and weaknesses before it is submitted.
- ✓ **Monitoring Plan Implementation:** Implementation of monitoring plan, including assimilating detailed work and QA / QC procedures.

# Monitoring and Reporting Services (Phase II)

- ✓ **Monitoring:** We will lead the airline through the monitoring period, including data collection and quality assurance.
- ✓ **Pre-Verification:** We will pre-verify the data and lead the airline through the external audit of the data by an accredited company.
- ✓ **Monitoring Report:** Prepare and submit monitoring reports and lead the airline through the allowance allocation process.

# About EcoTraders

- EcoTraders has played a leading role in the carbon market since 2003.
- We have extensive experience with monitoring systems, emissions reporting, and external audits of emissions data.
- We have strong working relationships with major auditing companies.
- In addition to aviation, we operate in magnesium, solid waste, cement, energy and other heavy industries.
- Institutional Shareholders:



# EcoTraders' Clients

We provide GHG services to a large number of clients in a wide variety of sectors, including:



נשר מפעלי מלט ישראלים בע"מ  
NESHER ISRAEL CEMENT ENTERPRISES LTD.



רשות שדות התעופה בישראל  
ISRAEL AIRPORTS AUTHORITY



## Making it Simple

arkia  
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*"EcoTraders' professionalism and expertise in GHG regulation and monitoring have been of great assistance to Arkia."*

*EcoTraders prepared and submitted my airline's monitoring plans well in advance, and I am confident that as a result we are well-prepared to meet the challenges posed by the EU ETS."*

– **Capt. Nir Dagan, Executive Vice President, Arkia Israel Airways**



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