



Convention on Long-range Trans-boundary Air Pollution

Task Force on Integrated Assessment Modelling

39th meeting

Stockholm, 23-25 February 2011





Modelled Ash Concentration from FL000 to FL200 at 1200 UTC 17/05/2010

Issue time: 201005161800

This is a guidance product generated from model data and is supplemental to the official VAAC London Volcanic Ash Advisory and Volcanic Ash Graphic products.

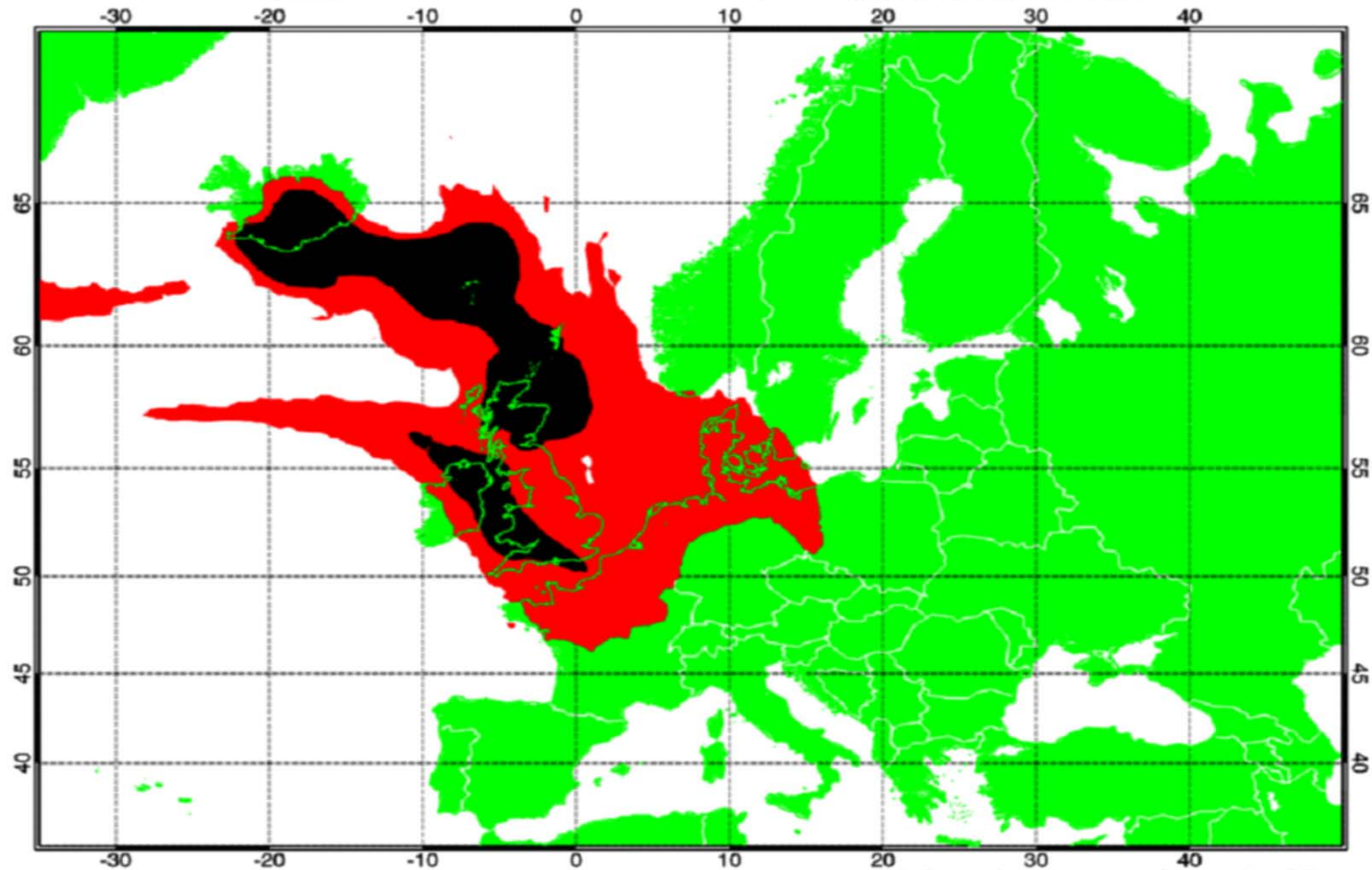
Met Office



Predicted area where volcanic ash may be encountered



Predicted area of ash concentrations that exceed acceptable engine manufacturer tolerance levels



TFIAM

2010

Feb: Baseline proposal

May: Analyses of targets options

Nov: Sensitivity analysis
incl. climate forcing

2011

Jan/Feb: Scenario runs

May: Final runs

Nov: Report (with WGE?)

WGSR

2010

Apr: Baseline accepted

Sept: Guidance on targets

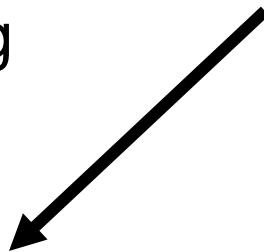
Dec(EB): Guidance on targets

2011

April: Draft Protocol

Sept: Final Protocol

Dec(EB): Protocol adopted



Workplan items 2011

1. Baseline development &
2. Target setting options
3. Ex-post impact analysis with WGE
4. Analysis of impacts of draft technical annexes
5. Air & climate linkages
6. 2030/2050 aspirations
7. Uncertainty management/flexible mechanisms
8. Exchange of national experiences (with NIAM)

Where were we?

- Options for target setting
 - Equal environmental quality
 - Equal improvements (gap closure)
 - Equal efforts between CLE and MFR
 - European wide optimisation
- Methodology to analyse technical annexes
- Ex-post analysis baseline WGE/CBA
- Modelling climate impacts SLCF
- Uncertainty → flexibility mechanisms

- EMEP → approved co-chair
- WGSR/EB → Draft protocol text + annexes
 - Hybrid target setting options?
 - Meaningful key measures?
 - Include ammonia options?
 - Guidance on uncertainties from TFEIP
- EB → Long term strategy
- TFRN → Technical annex on ammonia
- EGBC / TFHAP / UNEP → Reports on BC and Ozone

Where are we now?

- CIAM-proposal on ‘hybrid’ target scenarios
- Ex-post analysis of ‘hybrid’ target scenarios
- Method to analyse technical annexes
- Identification of key measures in EECCA and non-EECCA countries
- Progress in modelling SCLF
- Uncertainty and flexibility
- Insights from national experiences, including NIAM and Fairmode

- TFIAM40 (Final scenario runs),
May 2011 – Oslo
- Workshop on Protocol background report,
November, Laxenburg