

Reporting Requirements under the Article 9 of the Montreal Protocol.

Period: 2009-2010 NORWAY

Article 9: RESEARCH, DEVELOPMENT, PUBLIC AWARENESS AND EXCHANGE OF INFORMATION

Norway controls national use of Ozone Depleting Substances (ODS) through the implementation of Chapter 6 of a wider regulation entitled: *Regulation on limitation of use of health and environmental hazardous chemicals and other products* or, in short, *Regulation on Products*. Chapter 6 in this regulation is in line with the EC Regulation No. 2037/2000 on Ozone Depleting substances (ODS), and is in the process of implementing EU Regulation No. 1005/2009. The provisions of the national and EC ODS regulations are generally stricter than the corresponding ones in the Montreal protocol. Furthermore, both regulations impose restrictions not only on pure ODS substances and mixtures, but on products and equipment containing those, as well.

The responsibility for ensuring full implementation of the obligations under the Montreal Protocol, as well as those under the EU regulation lies with the Norwegian Climate and Pollution Agency (Klif).

During the period 2009-2010 Norway's actions pertinent to the requirements of Article 9 under the Montreal Protocol are summarised in the following.

Nordic co-operation

During the last two decades Norway has been co-operating actively with Denmark, Finland, Iceland and Sweden on issues related to ozone layer depletion, through participation in the so-called Nordic Ozone Group (NOG) under the Nordic Council of Ministers. In 2010, The Faroe Islands also joined the group. NOG's major tasks are: planning and supervision of projects and studies on ozone depleting substances, aimed at contributing to the strengthening of the Montreal Protocol and EU regulations on ODS as well as increasing public awareness (e.g. through information on availability and promotion of ODS alternatives); exchange of information and experiences from each others' national circumstances with the view to increase efficiency in the implementation of regulations nationally; discussion and planning of coordinated actions at the international level (EU, Montreal Protocol, other Conventions).

In recent years the group has been focusing its project work on issues that are of major importance under the Montreal Protocol, for example, acceleration of global HCFC phase out; illegal trade and destruction of ODS banks. During the period 2009-2010, in particular, the Nordic Ozone Group focused on wastes containing ODS, and a report of the findings and recommendations for further work is expected to be published ultimo 2011. In 2010, the group, in cooperation with the "Water and Air Group", published an information flyer about leakages from refrigerant equipment on fishing vessels.

A substantial part of NOG's work is to share experiences between the Nordic countries and better the cooperation in order to fulfil the commitments in the Montreal protocol and the EU regulation on Substances that Deplete the Ozone Layer.

Monitoring of the atmospheric ozone layer and UV radiation

The atmospheric ozone layer over two Norwegian cities is continuously monitored by the Norwegian Institute for Air Research (NILU) on behalf of the Norwegian Climate and Pollution Agency. The results of these ground-based observations are combined with the available ozone measurements from satellite in the Scandinavian and Arctic region to analyse the spatial distribution of ozone.

Monitoring of UV radiation takes place at eight places in Norway and is co-ordinated by the Norwegian Radiation Protection Authority.

Reports on the monitoring of the atmospheric ozone layer and natural ultraviolet radiation are prepared and published on an annual basis. For the year 2010 the report can be accessed through the following link:

<http://www.klif.no/no/Tema/Miljoovervakning/Statlig-miljoovervakning/Endringer-i-menneskeskapte-utslipp-av-naringsalter-TEOTIL/Rapporter/Monitoring-of-the-atmospheric-ozone-layer-and-natural-ultraviolet-radiation/>

Data on air quality and UV forecasts for Norway are available to the public via the web portal: www.luftkvalitet.info

A more detailed description of the Norwegian activities on ozone research and monitoring can be found in Norway's contribution (p. 345-356) to the report from the eight Meeting of the Ozone Research Managers (8ORM) held in Geneva, 2-4 May 2011; "Report of the Eight Meeting of the Ozone Research Managers of the Parties to the Vienna Convention for the Protection of the Ozone Layer, WMO Global Ozone Research and Monitoring Project, Report No. 53, WMO" (http://www.wmo.int/pages/prog/arep/gaw/ozone_reports.html)

Preventing illegal trade

In 2010, Norway participated in the joint global Customs enforcement operation initiated by the World Customs Organization and the United Nations Environment Programme (UNEP), code-named "Sky-hole Patching II".

Further information to the public and stakeholders

A comprehensive description of facts about the ozone layer, the relevant national circumstances, as well as the existing national and international legislation on the matter is available at The Climate and Pollution Agency's (Klif's) web pages, in particular at: <http://www.miljostatus.no>.

During recent years Klif has made great efforts in preparing, extending and updating a web portal with information on industry-based legislation, launched in 2005. The main purpose

of this service is to guide enterprises to the vast body of regulations. The website makes it easier for users to find out about requirements related to health, safety and the environment that government authorities have established for their industries. This service, which is subject to continuous update and development, has been the product of a co-operation between Klif and other Norwegian authorities, i.e. the National Labour Inspection Authority, the Directorate for Civil Protection and Emergency Planning, the Norwegian Food Safety Authority and the National Industrial Safety and Security Organisation. The information provided is also available in English and can be accessed through the following link:
<http://regelhjelp.no/Engelsk/English/>