



Ozone-Depleting Substances (ODS) and Fluorinated Gases (F-Gases)

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ECRAN Multi-country Workshop on Ozone-Depleting Substances (ODS) and Fluorinated Gases
(F-Gases)

Ratification status

On 23th October 2006 Montenegro become a party (by means of succession) of the:

- **Vienna Convention for the protection of ozone layer;**
- **Montreal protocol on substances that deplete the ozone layer and four Amendments to the Montreal Protocol:**
 - **London Amendment;**
 - **Copenhagen Amendment;**
 - **Montreal Amendment and**
 - **Beijing Amendment**

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Montenegro operates under Article 5 of the Montreal Protocol

Control Measures for Article 5 Parties

(Consumption & Production in % reduction from baseline)

ODS	2010	2013	2015	2020	2025	2030	2040
CFCs Halon CTC HBFC BCM	100%						
Methyl chloroform	75%		100%				
HCFCs		Freeze at average 2009- 2010	10%	35%	67.5%	100%*	100%
Methyl bromide	20%		100%				
* Allowing for servicing an annual average of 2.5% during 2030-40							

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Programmes and Plans

Montenegro adopted:

Country Programme for elimination of ODS (CP)

Terminal phase-out management plan for

CFCs(TPMP)

HCFC phase-out management plan (HPMP)

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Country Programme for elimination of ODS

- adopted in 2007
- the Action Plan represents a strategy for the reduction of consumption of ozone depleting substances
- the objective was: 2010 - 0 tons
- ✓ the objective has been achieved

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Terminal phase-out management plan for CFCs

- adopted in 2007 for the period of three years
 - Activities:
 - establishing Recovery/Recycling scheme
 - training of trainers (professors in secondary vocational school)
 - training of service technicians
 - training of customs officers

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HCFC phase out management plan

- adopted in 2010 for the period 2010-2020
- objective: reduction HCFC substances in accordance with the Montreal Protocol provisions
- ✓ in 2013 consumption was freezed at average 2009-2010 (app 13t)

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HPMP activities

- support the initiation of a Refrigeration Association and a Code of Good Practice
- training and certification of technicians and companies
- improved service equipment in the servicing sector
- improvement Re-use scheme and capability to monitor quality of refrigerants
- training of the ecological inspectors
- awareness raising

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Institutional set-up

Competent Authorities

- Ministry of sustainable development and tourism: Policy making, creation of legal framework, supervision
- Environmental Protection Agency (EPA): implementation of legislation and projects (licensing, reporting, GHG inventory, training and public awareness)
- Inspection Administration, Customs - enforcement

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Legal framework

Law on Air Protection prescribes licensing for maintenance and/or repair and decommissioning of products containing ODS/F gases, import- export and placing on the market , prohibitions, enforcement, penalties;

Decree on substances that deplete the ozone layer and alternative substances covers ODS, new ODS (whether existing alone or in a mixture, and whether they are virgin, recovered, recycled or reclaimed, including their isomers), alternative substances -F gases and their mixtures, products which contain ODS or are produced with them, or which may contain alternative substances or are produced with them.

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Compliance with Regulations 1005/2009 and 842/2006

- ✓ Definitions
- ✓ Production, placing on the market and use
- ✓ Recovery of ODS and F gases
- ✓ Leakage checking
- ✓ Labeling
- ✓ Record keeping
- ✓ Reporting

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Implementation challenges - Training and certification

- identifying authority for training and certification
- minimum requirements for certification
- minimum requirements for training
- establishing training and certification requirements based on the minimum requirements for mutual recognition

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Thank you

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