



REPUBLIC OF SERBIA  
MINISTRY OF AGRICULTURE AND ENVIRONMENTAL  
PROTECTION

HARMONIZATION OF NATIONAL ODS AND  
F-GAS LEGISLATION WITH EU  
REGULATION

Bojana Djurovic

*Focal point for Vienna Convention and Montreal Protocol  
Adviser in Department for Protection of Natural Resources*



## **Law on Air Protection** (Official Gazette RS, no 36/09 and 10/13) – legal basis



1. Regulation on ozone depleting substances management, as well as on conditions for license issuance to import and export of such substances (Official Gazette of RS, No. 114/13)
2. Regulation on fluorinated greenhouse gases management, as well as on conditions for license issuance to import and export of such gases (Official Gazette of RS, No. 120/13)
3. Regulation on certification of personnel performing certain activities related to controlled substances and certain fluorinated greenhouse gases (Official Gazette of RS, No. 24/16)



## ODS legislation in Serbia

- **National Regulation on ODSs** introduced some of the requirements of **Regulations 1005/2009/EC** and **744/2010/EC** in national legal system
- *Partially transposition* adjusted to the situation in Serbia
- *As Article 5 country of the Montreal Protocol (developing countries) the Republic of Serbia is fully in compliance with its provisions which are primarily related to the consumption of ODSs*
- In accordance with the protocol, RS follows the schedule of phase-out consumption of these substances



## CONTROL MEASURES

- ✓ ban on *ODS production* without exceptions;
- ✓ operational *licensing system* for import/export ODSs and certain products and equipment containing or relying on ODSs:
  - only *HCFCs are allowed for import* and mostly are used in refrigeration manufacturing and servicing sector
  - only *new products and equipment* containing the chlorofluorohydrocarbons (*HCFCs*) are *allowed for import/export* and placing on the market
- ✓ HCFCs are on *quota regime* – Serbia as Article 5 country of MP has obligation to reduce the consumption of HCFCs for 35% by 2020 (stage I of HPMP)

## EXCEPTIONS OF CONTROL MEASURES

- ✓ the uses of ODSs as **feedstock, process agents, for essential laboratory and analytical uses**
- ✓ *critical uses of halons* - only halons from registered halon banks can be used



## MANDATORY

- ✓ **Labeling** - producers and importers are obliged to label the equipment before the first POM
- ✓ **Emission controls** - measures for preventing and minimizing leakages and emissions of controlled ODS
- ✓ **Records keeping** - recovered/recycled/reclaimed quantities for each substance by service shops; operator – records of the activities connected with servicing of the equipment; importers/exporters of ODSs and equipment containing ODSs
- ✓ **Reporting**
  - *importers/exporters of controlled ODS and new substances*
  - *importers/exporters of equipment containing ODSs*
  - *operators of refrigeration and air conditioning equipment and heat pumps*
  - *users of ODSs and service shops*
  - *centers - reporting for recovery, recycling and reclaim of ODSs*
  - *users of controlled ODS as process agent/feedstock/laboratory or analytical purposes*
- ✓ **Tax** for importers of HCFCs - calculated per kg of imported substances (0,5 EUR/kg ODSs)



## F-gas legislation in Serbia

- **National Regulation on fluorinated greenhouse gasses** introduced some of the requirements of Regulation 842/2006/EC, Regulation 1493/2007/EC, Regulation 1494/2007/EC, Regulation 1497/2007/EC, Regulation 1516/2007/EC and Directive 2006/40/EC in national legal system
- *Regulation 842/2006/EC is repealed by Regulation **517/2014/EC***
- Regulation 517/2014/EC - transposition in initial stage
- Existing national Regulation on f-gases is still good background for needed update



## MEASURES

❖ *Management of f-gases in Serbia at this moment follows the structure of the ODS management, with both groups of substances being used mostly as refrigerants*

- ***Operational licensing system*** - in order to collect more data on imports, licensing system for ODSs has been extended to cover substances and mixtures of f-gases, as well as certain products containing or relying on f-gases - equipment under the tariff code 8415 10 10 00 (*window air-conditioners and unitary compact air-conditioners*) and 8415 10 90 00 (*split-systems*)
- ***Labeling*** - producers and importers are obliged to label the equipment before POM
- ***Emission control*** - operators are obliged to recover F-gases from the stationary equipment during servicing and at the end of the life of equipment
- ***Leakage check*** - performed by qualified personnel with certificate issued by Ministry
- ***Records keeping*** - recovered/recycled/reclaimed quantities for each substance by service shops; operator records the activities connected with servicing of the equipment; importers/exporters; users of f-gases



## ❖ *Who submit report?*

- importers/exporters of f-gases and mixture of f-gases
- importers/exporters of equipment containing f-gases (according the licensing system)
- operators of refrigeration and air conditioning equipment and heat pumps with more than 3kg of f-gases
- users and service shops - purchased, used and sold f-gases
- centres - reporting of recovery, recycling and reclaim of f-gases





## CERTIFICATION SYSTEM in Serbia

cover both groups of substances (ODSs and F-gases)

- The national Regulation on certification of personnel performing certain activities related to controlled substances and certain fluorinated greenhouse gases (Official Gazette of RS, No. 24/16) is adopted in March 2016
- It is aligned with provisions of the Regulation **303/2008/EC** (*minimum requirements for the certification in relation to stationary refrigeration, air conditioning and heat pump equipment containing certain fluorinated greenhouse gases*) and with the Regulation **307/2008/EC** (*minimum requirements for training programmes of personnel recovering certain fluorinated greenhouse gases from air-conditioning systems in motor vehicles*)



- This national Regulation on certification prescribes 4 categories of personnel certificates for operating with stationary equipment in RAC sector (**certificate A**) and certificates for personnel operating in the MAC sector (**certificate B**)
- 4 training centres are established and equipped
- trained trainers
- examination Commission
- The Ministry in charge of environmental protection issues certificates (valid 5 years)



## Future plans and activities

(1) Adoption the Law on Amendments to the Law on Air Protection

(2) ODSs

- Ban for the import of products and equipment containing or relying on ODS at the latest by 1 January 2018 through the Amendments on the national ODS Regulation
- In order to prepare Serbia to become a part of the EU and therefore a Party under Article 2 of the MP it is planned to prepare accelerated reduction plan of HCFCs consumption within stage II of HPMP

(3) F-gases

- Regulation 517/2014/EC lays down stricter requirements. The GAP analysis will be done within PLAC 2 project and after that the preparation of the **new national legislation in regard with F-gases** (until Jun 2017)
- Work on compliances with the provisions relating to training and certification for service technicians, control the use of fluorinated greenhouse gases, determination and allocation of quotas for the placing on the market of F-gases



Thank you for your attention !

[bojana.djurovic@eko.minpolj.gov.rs](mailto:bojana.djurovic@eko.minpolj.gov.rs)

