



Sustainable Development in the Energy Sector
An EU funded project



Energy sustainability for a better future



REPUBLIC OF SERBIA
MINISTRY OF INFRASTRUCTURE AND ENERGY

COMPONENT II - QUALITY OF LIQUID FUELS, FUEL QUALITY MONITORING SYSTEM (FQMS) AND BIOFUELS LABELING - CERTIFICATION SYSTEM

The EU has introduced a number of Directives and environmental specifications focused on the fuels quality in order to reduce the associated pollution emitted from the automotive fleet.

- Directive 98/70/EC relating to the quality of petrol and diesel fuels and amending Council Directive 93/12/EEC, sets applicable specifications that should be applied for vehicles using petrol and diesel engines, and contains provisions for the environmental quality of unleaded petrol and diesel fuel to be progressively improved;
- Directive 2003/17/EC amending Directive 98/70/EC provides that Member States must introduce penalties for non-compliance and ensure unleaded petrol and diesel fuel complies with the environmental specifications set out in the Directive;
- Directive 2009/30/EC amending and repealing the above Directives provides that the maximum sulphur content of diesel should be 10ppm, and that the maximum sulphur content of non-road gas oil should be reduced to 10ppm for land-based uses and to 300ppm for inland waterways. It also provides increase of the share of bio-fuels in petrol
- Directive 2009/28/EC provides that the bio-fuels and the blends of bio-fuels with mineral fuels shall be appropriately labelled, and that the suppliers of fuel ensure that the refining, transport and end-use of fuels have reduced GHG emissions (1% per year from 2009).

Fuels specifications/standards alone are not able to provide a guarantee of fuel quality. Indeed, any fuel quality strategy should include a Fuel Quality Monitoring System (FQMS) with appropriate monitoring and enforcement policy in order to promote regulatory compliance and enable application of penalties. The project will support Serbia in setting up the FQMS.

The project's second component is focused on the monitoring of the quality of liquid fuels of mineral and biological origin and calculation of the reduction of the GHG emissions requested by the relevant Directives and Decisions of the EU. The project addresses:

1. Preparation of the Action Plan for the implementation of EU-legislation regarding automotive liquid fuels quality and regarding the sulphur content in the marine transportation and heating fuels;
2. Proposal for adequate fuel quality monitoring system (FQMS), including the following: appointment of a Body which will be responsible about the performing of the fuels quality monitoring and calculation of the reduction of the GHG emission, elaboration of new regulations about the quality requirements of liquid fuels of mineral and biological origin, methods of testing, modalities of FQMS financing, organization of services which will perform the monitoring, authorization of laboratories for the fuel quality control and elaboration of annual report according to the relevant EC Directives and Decisions;
3. Proposal for the labeling-certification system for bio-fuels which includes sustainability criteria and for the methodology for calculation of the reduction of the greenhouse gases emissions resulting from bio-fuel use.

Duration of project:

12 Months (April 2011 – April 2012).

September 2011

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