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NOISE CONTROL FOR A BETTER ENVIRONMENT

The First Agglomeration Noise Maps in Serbia Using CNOSSOS-EU:2015

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ABSTRACT

Strategic noise mapping across cities has been undertaken under EC Directive 2002/49/EC since 2006 using a range of national and EC recommended Interim Methods. Under EU Directive 2015/996 the new common methods were introduced which are the required methods of assessment after 31 December 2018. Within the EuropeAid funded project for strategic noise mapping in City of Niš agglomeration, CNOSSOS-EU:2015 has been used to develop the first city-wide results in the Republic of Serbia. The project has included: the collection of input data from a wide range of National, Regional and City authorities; development of the noise models and noise calculations under CNOSSOS-EU and presentation of the results to the public using a hosted SaaS solution; and verification of the results using long term noise measurement surveys. Based upon the experience gained in Niš, the project is developing guidelines for strategic noise mapping in Serbia using the CNOSSOS-EU:2015 methodology, which will be used as the basis for

conducting training of state and municipal authorities in noise mapping in connection with future membership of the EU.

Keywords: CNOSSOS-EU, noise mapping, END, Directive 2002/49/EC, Directive 996/2015.

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