

Problems of PM10 Pollution in Countries of European Union

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Abstract—The article presents the problems PM10 can cause in countries of European Union. To reduce this pollution, European Commission introduced the European Air Quality Directive of 2008. It contains specific standards for PM10 concentration levels. The main intention of this directive is to avoid, prevent and reduce harmful effects on human health and environment. Many EU countries have problems with this kind of pollution, so they are trying to meet the requirements, defined by this Directive. In the article will be presented some countries (Italy, United Kingdom, Slovenia, Netherlands, Sweden and Germany), which developed many strategies that are helping reduce the concentration of PM10 particles in the air. Using these strategies, they managed to establish a healthier environment for their citizens. The article will compare these countries in the area of problems and solutions and it will give a general overview of state of pollution with PM10 of countries in European Union.

Keywords—countries, European Union, PM10, pollution, measurements, measures.

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