



AIR QUALITY INFORMATION FOR CYPRUS

www.airquality.gov.cy



The Minister of Labour and Social Insurance of the Republic of Cyprus opened the 6th February 2007 a comprehensive system for air quality assessment in Cyprus. The system, developed by the Norwegian Institute for Air Research (NILU), gives the Cyprian authorities an advanced tool for the monitoring, assessment and dissemination of air pollution in Cyprus.



The web-based solution also includes external pages designated to inform the public and password protected administrative pages designated to the authorities for editing the external pages.

The information system is organised on three levels, national, city and station level. This enable the public to obtain information about air quality.



1. Background

Like most nations, Cyprus has challenges regarding air pollution. Safe levels of ozone and particulates are exceeded every year and on occasions sandstorms from Africa sweep the country. These situations represent a severe health hazard to people with respiratory problems.



The other information platform consists of large panels strategically situated in central places outdoors and indoors.



Thus letting the authorities inform the public about high levels of pollution.



The air quality system, AirQUIS, helps the Cyprian authorities, the Department of Labour Inspection (DLI) and the Ministry of Labour and Social Insurance, to imply the most effective abatement measures in order to reduce the threat of air pollution and to improve the general air quality in Cyprus.

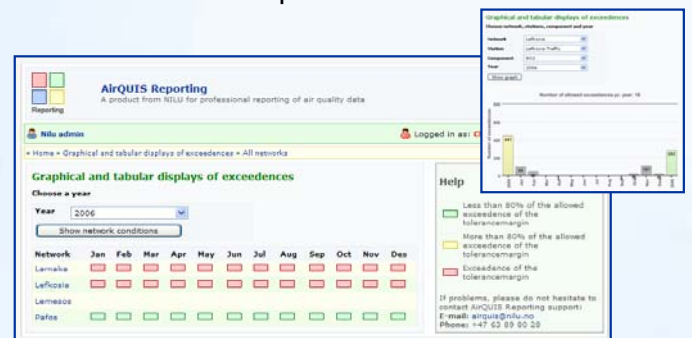
4. Reporting

The brick wall of the system is based on the NILU developed system for air quality management: AirQUIS. AirQUIS complies with EU reporting and data dissemination requirements.



2. Monitoring network

A network of nine advanced monitoring stations records PM₁₀, NO₂, SO₂, O₃ and PM_{2.5} data on an hourly basis. The data is automatically fed to the panels and the new national web site for air quality monitoring in Cyprus: www.airquality.gov.cy



3. Dissemination

The main information channels constituting the system are a web solution and information panels. The web solution has been tailor made for the Greek authorities by the Norwegian Institute for Air Research (NILU).

In addition, AirQUIS reporting module offers tools for evaluating, validating and displaying measurement data. The module also has tools for extracting and formatting data for reporting to the EU Commission and EMEP.



Further information:

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