



Pneurop Commitment to Energy Efficiency and Environmental Protection

Pneurop is the European Committee of Manufacturers of Compressors, Vacuum Technology, Pneumatic Tools, Air Treatment Equipment and Condensate Treatment Equipment. Its members are national associations representing more than 200 manufacturers in 8 EU Member States, in Switzerland and in Turkey. The European market turnover for the business represented exceeds €20 billion.

Increasing concern about the environment and the need to foster energy efficiency are addressed by the European Climate Change Programme and its subsequent legislative measures. Pneurop supports the overall sustainable energy policy objectives of the European Union within the sphere of its responsibilities. Its member companies actively promote energy efficiency for the benefit of their customers as part of their daily business activity.

Compressed air has a very wide application base, so it is at the heart of many industrial processes.

Compressor and allied machinery manufacturers have developed and will continue to develop technologies that not only guarantee high performance and safety, but which are also energy efficient and environmentally friendly. They have developed the knowledge and acquired the necessary expertise associated with the use of their compressor systems, and are best placed to identify their energy efficiency. In order to develop their business, manufacturers have elaborated a range of services that cover not only installation and maintenance of compressor systems, but also auditing of energy consumption, identification and calculation of potential savings, advice on the installation best suited to a particular application, and possible adaptation throughout a system's lifecycle.

The publication "Compressed Air Systems in the European Union – Energy, Emissions, Savings Potential and Policy Actions", published in 2001 with the support of EC DG Transport & Energy, contained recommendations for actions that could bring about market transformation. It was recognized that the major savings in existing compressed air systems can be realized on the system-level.

To meet these requirements the manufacturers have responded with designs, solutions, and promotion of best practices to overcome part load and other energy deficiencies. For system deficiencies all manufacturers and their distribution partners now offer extensive audit services and sophisticated control systems to eliminate wasted energy. Pneurop has supported these initiatives with new performance standards for testing the variable speed compressors and a best practice guide for customers wishing to have a system audit.

Pneurop has always worked and will continue to work with the EC and other stakeholders in the transformation of its markets to energy efficient technologies. This has been proven in the positive approach PNEUROP has taken in the European Motor Challenge and in the actual discussion about the IPPC BREF on energy efficiency.

Pneurop would like to discuss with the EC and other stakeholders how the new legislative measures such as the Ecodesign of Energy Using Products (EuP) directive can best contribute to the market transformation of compressed air systems and equipment in terms of energy efficiency and environmental protection. The 2001 report underlined the importance of the system approach for achieving significant results in energy efficiency. The new EuP directive focuses mainly on single products; other measures, both legislative and voluntary, should complement this directive. Pneurop would like to make proposals on which measures might be suitable, in the light of its knowledge and experience for the transformation of market segments with high potential. Our experts are also working with the IPPC Bureau in Seville to complete the horizontal Energy Efficiency BREF for the compressed air systems best practices.

Pneurop confirms its active commitment to energy efficiency and environmental protection. It is against this background that it intends to cooperate in the coming months with EC DG Enterprise, DG Transport & Energy and their consultants on studies for the evaluation of possible measures.

