



“ECOPUMP” - the Europump commitment to energy saving and environmental protection

Europump, the European Association of Pump Manufacturers, represents 18 national associations in 14 Member States, Turkey, Romania, Russia and Switzerland. The member associations represent more than 450 companies with a collective annual production worth about €8.2 billion.

Increasing concern about energy consumption and the need to foster energy savings is addressed by the European Climate Change Programme and its subsequent legislative tools. Europump supports the overall objectives of European environment protection and energy policy. It intends to further promote energy savings for the benefit of both end users and the environment within its sphere of responsibilities.

Europump is launching the "ECOPUMP" initiative which aims not only to achieve eco-efficiency of pump systems in several market segments but also, and most importantly, to communicate Europump efforts to:

- all customers or end users of our industry and, in this way, increase their awareness of energy consumption and environmental protection;
- government institutions and stakeholders at European and Member States level in order to express the preference of our industry for voluntary commitments rather than legislative measures.

Pump systems are energy-using technologies, which transform the energy necessary for distribution of fluid to domestic, commercial and industrial users. In response to constant technological evolution, societal demands and environmental concerns, pump manufacturers have developed and continue to develop technologies that must guarantee high performance, while being as environmentally friendly as possible. They have developed the knowledge and acquired the necessary expertise associated with the use of their products and systems, and are best placed to identify the potential energy savings relating to the use of these technologies. In order to support end-users, they have also elaborated a range of services that cover not only installation and maintenance of the equipment, but also auditing of energy consumption, identification and calculation of potential savings, advice on the product best suited to a particular operation, and advice on its use and possible adaptation throughout its lifecycle.

Europump members are committed to more transparency and information for their customers concerning the technological and environmental performance of their products. However, the information a manufacturer can provide to a potential customer cannot be standardised for all pumping systems. An installation is the result of specific needs or demands of the customer, and the efficiency of a component depends on its final use in the system as a whole which must also be properly designed.

Europump strongly supports the development and promotion of existing energy efficiency programmes and other energy efficiency voluntary measures, which offer the necessary flexibility and potential to educate our customers and users on energy efficiency, and which lead to results which can be monitored, verified and made publicly available.

Europump is associated with national and European programmes which aim at promoting and implementing energy efficiency measures and energy management. For instance, we support the "Motor Challenge Programme" (MCP), a voluntary programme initiated by the European Commission in 2003, and which aims at assisting industrial companies in improving the energy efficiency of their electric motor-driven systems. The core of the programme is an Action Plan, by which an MCP partner commits to undertaking specific measures to reduce energy consumption. These partners will receive aid, advice and technical assistance from the Commission and from participating National Energy Agencies in formulating and carrying out their Action Plan.

Other examples are the Europump guides to Life Cycle Costs analysis for pumping systems and to successful applications in Variable Speed Pumping.

In January 2005, pump manufacturers of circulators signed an industry self-commitment to label their products according to energy performance classes. Europump is responsible for the monitoring and publicity of this commitment.

Finally, for several categories of pump systems, Europump foresees the adoption of various guidelines, tools or new standards to significantly improve in each targeted market segment the energy efficiency and environmental impact during both installation and operation. This initiative will be called "ECOPUMP". All actions under this initiative will be flagged with the new "ECOPUMP" logo.

Over the coming years, Europump will continue to identify market segments where changes can be made in order to encourage more energy savings and better environmental protection.

The Europump National Associations and their member companies listed in the annex to this paper fully support the Europump "ECOPUMP" initiative.

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