

What is Topmotors?

■ **Topmotors** is an implementation program for efficient motor driven systems in Switzerland.

■ **Topmotors** has been supported by SwissEnergy (Swiss Federal Office of Energy) and managed by Impact Energy, an independent energy consulting office since 2007.

■ **Electric motor driven systems** represent around 70% of electric energy consumption in the industry and service sectors. With more efficient motors, integrated systems and their optimised operation, this consumption can be reduced by 20% to 30% through economic measures - a significant untapped savings potential from which the economy and the environment can benefit.

■ The Topmotors program targets this huge energy efficiency potential and aims to reduce the electricity consumption of motor driven systems in industry, infrastructure facilities and large buildings with economic measures.

■ **Main focus:** Topmotors offers professional support through fact sheets, continuing education courses, workshops, newsletters, webinars and organizes an annual motor summit. Topmotors has developed a 4-step audit method, the Motor-Systems-Check (incl. software tools), to analyze existing motor driven systems. Topmotors also provides information on the current standards and regulations in Switzerland and the European Union.

■ **Thinking in terms of systems** is a central element of the Topmotors program. An electric motor is part of a motor driven system: frequency converter, motor, transmission and the driven application (pump, fan, compressor, transport system, industrial process equipment, etc.). Energy can be saved only if all the components of a system are optimally coordinated, the necessary output is delivered, efficient components are used and operated correctly.

