

# TOPMOTORS IN SHORT

## 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) since 2007 and managed by Impact Energy, an independent energy consulting office.

■ **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% - a significant untapped savings potential from which the economy and the environment can benefit. The Topmotors program targets this big 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.

