



Motor Challenge Newsletter No. 1 - 2007

Introduction

The Motor Challenge is a voluntary programme under which industry organizations adopt energy efficiency measures in their motor systems, as long as it is cost effective and/or leads to improving the production quality.

More information can be found at the webpage of the Programme: <http://re.jrc.ec.europa.eu/energyefficiency/motorchallenge/index.htm> (please note that this is a new address!!)

The Motor Challenge Programme was launched by the European Commission in 2003 and has been successfully developing since then. Since then 3 projects to disseminate the Motor Challenge Programme were supported by the Intelligent for Europe Programme. One of these projects is still running in new Member States, Therefore, we come to you with the current 2007 Newsletter, to keep you informed about the latest development.

The Programme is managed by the Joint Research Centre of the European Commission. Currently, it runs in 27 European Countries. Each country has its own National Contact Point, list of them is available at <http://re.jrc.ec.europa.eu/energyefficiency/motorchallenge/contacts.htm>)

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Summary of Motor Challenge 2007 results

In 2007, the Motor Challenge partners and endorsers community has grown significantly. During the elapsed year, we have been happy to welcome **34 new Partners**. Thanks to that, there are now 78 Motor Challenge Partners – the total number has almost doubled over the last year. Related to that, thanks to the measures adopted by new Motor Challenge partners in their projects, the annual electricity savings have already reached more than 30 GWh.

The programme is now operating in 27 European Countries, including almost all new EU member states and also Norway and Switzerland.

Furthermore, **30 new Endorsers** from 10 different countries have joined the Motor Challenge Programme last year. This is certainly a very positive development and we hope that it will also help us to increase the number of GreenLight Partners in the years to come.

The new Motor Challenge tools have been prepared within DEXA-MCP. It is a Motor Challenge Software and MCP technical brochure. The software is available in 9 languages, the brochure in 7. More information about both can be found at <http://www.motor-challenge.eu/> or at <http://re.jrc.ec.europa.eu/energyefficiency/motorchallenge/index.htm>

In February 2007, the Second European Motor Challenge Workshop took place in Paris. During the workshop, the 2007 European Motor Challenge Awards for the Partners and Endorsers were delivered. The winners of the awards are

Partners:

Alpenmilch Salzburg (At),
Angelini Pharmaceuticals (It),
Brasseries de Bourbon (Fr),
Somelos Fios, S.A. (Pt),
SKF GmbH Lüchow – (De)

Endorser:

Sattler energie consulting GmbH

New Motor Challenge Partners and Endorsers in 2007

During 2007 more than 60 new Partners and Endorsers have joined the Motor Challenge programme in several different manufacturing and service branches, including water supply or district heating companies. The names of the new Partners and Endorsers that have joined Motor Challenge since the beginning of the year are below. We are still inviting all the public and private companies wishing to save money, and be seen as environmental champions to join Motor Challenge. It makes a lot of sense!...and we will help them to communicate their success stories.

New Partners

Aluminium of Greece (Gr)	Koskisen Oy (Fi)
Amel S.A. (Gr)	Mikkeli Waterworks (Fi)
Arizona Chemical AB (Sv)	Monostyr SA (Gr)
Asfo Spa (It)	Moretti Compact Spa (It)
Astir Vitogiannis Bros S.A. (It)	Municipal Enterprise for Water and Sewage of Kos (Gr)
BIZETA S.r.l. (It)	Myyrmaen Ykkoshalli Oy (Fi)
Cascades Djupafors AB (Sv)	Naintsch Mineralwerke GmbH (At)
Corticeira Amorim - Industria SA (Pt)	Neorelva - Embalagens Metálicas SA (Pt)
Elektrocieplownia Lublin-Wrotkow Sp. z.o.o. (Pl)	Nova Innovene Sweden AB (Sv)

Elfiko S.A. (Gr)
Elsap A.Y.E.T.E. (Gr)
Fiorital SRL (It)
GALVENE spa (It)
Haitoglou- Hartel S.A (Gr)
Helprint Quebecor Oy (Fi)
JSC Kauno Energija (Lt)
Kauno Vandenys UAB (Lt)

Nuova Pansac S.p.a. (It)
Robert Bosch SAS, Site de Rodez (Fr)
SIAP spa (It)
SMIT Spa (It)
SOTANCRO – Embalagem de Vidro, S.A. (Pt)
Souroti S.A. (Gr)
Stora Enso Fors Mill (Sv)
"Valmieras piens", AS (Lv)

New Endorsers

AIR COMPRIME ENERGIE (Fr)
Barrault Recherche (Fr)
CQS (Be)
Danfoss Ges.m.b.H (At)
DEKTIS CONSULTANT ENGINEERS Ltd. (Gr)
doublepower!! (Cz)
Elettrostudio (It)
Emotron AB (It)
EnergieAgentur Mittelfranken e. V. (De)
Energy Services Ltd. (Gr)
EUREKA INDUSTRIES (Fr)
H3C-énergies (Fr)
KOMEL – Research and Development Centre of Electric Machines (PI)
Kupari Energia Oy (Fi)
Naujoji šiluma, UAB (Lt)
Polykem S.A. (Gr)
RE-Suunnittelu Oy (Fi)
Rocca Group Oy (Fi)
sarl AERGY (Fr)
SARL EAC (Fr)
SIEMENS SAS (Fr)
Siurblių Technikos Kiveris, UAB (Lt)
STERNET – Electric Drives Centre (PI)
Techsim (Fr)
Thelcon Ltd (Gr)
UAB 'Elektromontuotojas' (Lt)
UAB GRUNDFOS Pumps (Lt)
UAB Siemens (Lt)
UAB 'Wilo Lietuva' (Lt)
Vamvacas Industrial Equipment S.A. (Gr)

National Events (Information provided by the National Contact Points)

Austria

A symposium on energy efficiency in industry with around 90 participants was organized. The topics covered a broad field from motors, VSD, compressed air, chillers, pumps to fans. Participants from industry, consultant companies, utilities, and other relevant stakeholder participated in this very fruitful discussion on the possibilities to save electricity with a system approach (<http://www.klimaaktiv.at/article/articleview/62350/1/20316>).

The new technical guideline on motor driven system was published together with the invitation to this symposium (<http://www.klimaaktiv.at/article/archive/15133/>). Furthermore the Austrian Energy Agency informed more than 30 consultants and energy managers in two workshops on the possibilities on energy saving in cooling systems.

Bulgaria

A seminar and a training course specifically dedicated to MCP were held in June 2007. The seminar attracted 27 industry representatives and the training 15. By the end of 2007, another seminar and training course on MCP will be organized.

In September 2007, two organizations - a water supply company and a district heating company - have submitted application forms to become MCP partners. They have developed (jointly with the BSREC experts) and committed to Action Plans to decrease the energy consumption of their motor driven systems. The experience of BSREC has shown that the best way to convince motor-user enterprises to become MCP partners is to offer to them free of charge and high-quality external audits, economic evaluation of the potential improvements, and assistance in the development of their Action Plans.

The motor driven systems at 10 enterprises have been audited. A summary of the audit results has been published in a specialized journal and presented at a seminar.

France

In 2007, there were 7 new endorsers and one new partner coming from France. Apart from that, the MCP was presented in several meetings and workshops (Environord 2007 in Lille, Lundi de la Mécanique, Lorraine region, conference targeted to the French SMEs in February 2007, etc.). Furthermore, several articles were published (Cadencepack 1/07, La Réunion 26/01/07, Eureka, n°43 or Environnement magazine – hors série, 6/07). Special award for French partners and endorsers was designed.

Also, many brochures and guideline CDs are being disseminated in order to promote the MCP programme.

Italy

In 2007, 9 new Partners and 1 Endorser from Italy joined the Motor Challenge Programme. A Motor Challenge Website in Italian language has been launched (<http://motorchallenge.casaccia.enea.it/>).

A journal article entitled “*I variatori elettronici di velocità. Aspetti tecnici ed economici*” (http://motorchallenge.casaccia.enea.it/documenti/variatori_velocita.pdf) has been published in June 2007, dealing with the variable speed drives (VSD) and energy savings about the utilization of these components to control the speed of the electric motors combined with fans and pumps.

In addition to this, a brochure “*Risparmiare energia elettrica per essere più competitivi*” has been published and is downloadable at http://motorchallenge.casaccia.enea.it/documenti/mcpa5_v13_finale.pdf.

Netherlands

All the MCP-scan - using all MCP modules - has become part of the Energy Investment Allowance, meaning that companies investing in High Efficient Motors or frequency regulation can get a reduction in the company's profit tax. Furthermore, user groups have been established to work on motor systems, with companies from chemistry, transport, milk processing and several other sectors. Within the new government policy programme for 2008 – 2020 'Schoon en Zuinig' (Clean and Economic) a separate programme for Motor Systems has been announced.

Poland

Energy efficiency of drives with electric motors (EENSE) conference (<http://www.komel.katowice.pl/tekst/4Forum.html>) took place in October 2007. The rebate programme (PEMP) goes on - donations to electric motors are still available; the EKOFUND mechanism is still working. Furthermore, there were several papers and articles published on Motor Challenge (in Polish). The brochure issued by ADEME (with diagrams of particular motor systems) has been translated into Polish and adapted to national conditions.

Portugal

In 2007, three new partners from Portugal joined the MCP Programme. Apart from that, an article on MCP has been published in the journal "O Instalador", issue no. 131, March of 2007. The DEXA tool has been translated into Portuguese and is distributed through various streams to the concerned public. In the workshop held in February 2007 in Paris, company Somelos Fios, S.A. was among one of the winners of MCP Award.

Upcoming Events

The 2008 Motor Challenge Programme Award will be held in late spring 2008, the date and venue have not yet been fixed. More information will be announced on the web.

Other news

New publication entitled "Latest Development of Energy Service Companies across Europe - A European ESCO Update" is now available for downloading at <http://re.jrc.ec.europa.eu/energyefficiency/pdf/publications/ESCO%20report-edition%20version.pdf>.

Also, a publication "Electricity Consumption and Efficiency Trends in the Enlarged European Union - Status report 2006" is available for downloading at <http://re.jrc.ec.europa.eu/energyefficiency/pdf/EnEff%20Report%202006.pdf>.

If you are interested in the hard copy, please write an email to paolo.bertoldi@ec.europa.eu.

Please note the change of the email address: paolo.bertoldi@ec.europa.eu

We wish you a very happy and successful New Year 2008!!!