



Industrial Electric Motor Systems Workshop

15-16 May 2006

IEA Headquarters

9 Rue de la Fédération, 75015 Paris

Métro Bir-Hakeim (Line 6), RER C - Champ de Mars – Tour Eiffel

<http://www.iea.org/textbase/about/map.asp>

- Draft 10 May -

Monday 15 May

9:00 Opening and the G8 programme

Mr. Bob Dixon., Head, Energy Technology Policy Division, IEA

9:15 Motor systems in the G8 industry task

Mr. Dolf Gielen, Energy Technology Policy Division, IEA

9:30 Motor systems: status and trends

Chair: Mr. Bob Dixon, Head, Energy Technology Policy Division, IEA

Definition: what is a motor system – Mr Anibal de Almeida, University of Coimbra
Motor systems in Europe – Mr Paolo Bertoldi, European Commission, ISPRA
NEMA premium motors in North America – Mr Bruce Benkhart, AppliedProactive
Motor Systems in Japan – Mr Takahiro Takeda, Hitachi Industrial Equipment
Systems and Mr Kei Konishi, Japan Electrical Manufacturers Association

11:00 Coffee break

11:30 Motor systems: status and trends

Chair: Mr. Bob Dixon, Head, Energy Technology Policy Division, IEA

Motor systems in Korea - Mr SungHwan Choo, KEMCO

Motor systems in China – Mr Wang Guoxing, Shanghai Energy Conservation
Center

Motor systems in Ukraine – Mr Serghiy Surnin, Arena-Eco

12:30 Lunch break

14:00 Industry perspective: status and trends

Chair: Mr. Dolf Gielen, Energy Technology Policy Division, IEA

Motor systems in the US industry – Mr Ernst Worrell, Ecofys

Motor systems in the chemical and petrochemical industry – Mr Philip de Smedt, Total

Motor systems in the machinery industry – a manufacturer's perspective – CEMEP
Mr Peter Zwanziger, Siemens

15:30 Coffee break

16:00 Improvement potentials and barriers

Chair: Mr. Dolf Gielen, Energy Technology Policy Division, IEA

The role of education and training – Mr Bob Williams, UNIDO

The potential for improving energy efficiency in motor drive systems – Mr Hans de Keulenaer, European Copper Institute

Advanced motors, VSD, transmissions, systems design – Mr Anibal de Almeida, University of Coimbra

Intelligent industrial motor systems – a case study for China. Mr Ming Yang, IEA.

18:00 Cocktail

Tuesday 16 May

9:00 Policies worldwide

Chair: Mr. Paul Waide, Energy Efficiency and Environment Division, IEA

Overview of existing and planned global motor efficiency standards – Mr Conrad Brunner, A+B International

Motor systems in the Dutch Voluntary Agreements – Mr Frank Hartkamp, SenterNovem

BestPractices Program – Ms Aimee McKane, LBL

US implementation approaches and experience – Mr Bruce Benkhart, AppliedProactive

New Motor Policy Initiatives in Europe – Mr Paolo Bertoldi, European Commission, ISPRA

10:45 Coffee break

11:15 New policy concepts

Chair: Mr. Paul Waide, Energy Efficiency and Environment Division, IEA

The role of energy management standards and ISO management practices in promoting motor system efficiency – Ms Aimee Mc Kane, LBL

Motor systems and JI/CDM – Ms Anne Arquit Niederberger A+B International

Motor systems efficiency programme in the UK and Europe – Mr Hugh Falkner, Future Energy Solutions UK.

How to implement motor systems efficiency – Mr Vasco de Janeiro, Eurelectric

The role of benchmarking: the experience in Asia – Mr Peter du Pont, Danish Energy Management

13:00 Lunch break

14:30 Roundtable: Recommendations for G8 activities

Chair: Mr. Richard Bradley, Head, Energy Efficiency and Environment Division, IEA

Discussion will focus on:

- Data
- Motor standards
- Regional focus
- Sectoral focus
- Management approaches
- CO₂/energy policy design
- Electricity pricing
- Voluntary agreements and benchmarking

16:00 Closing remarks

Mr Richard Bradley, Head, Energy Efficiency and Environment Division, IEA