

Core partner:



AUSTRIAN ENERGY AGENCY

**ADEME**



4EM – MCP is cofinanced by:



European Commission

## 4EM – MCP

Motor Challenge Programme - Energy Efficient Electric Motor Systems in  
New Member and Candidate Countries

## DEXA-4 EM MCP coordination

25 January 2006, Brussels

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Agency



# DEXA-MCP Presentation

The Motor Challenge Programme in few words

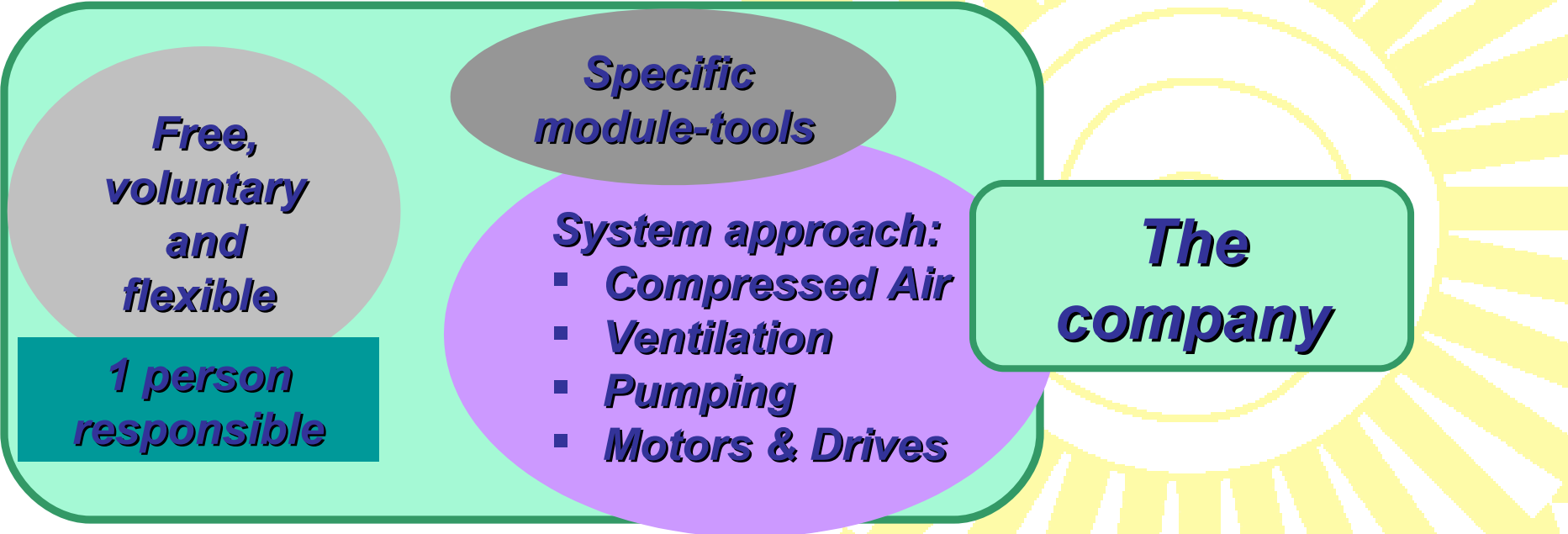
The Motor Challenge Pilot action

**DEXA-MCP main objectives  
and DEXA-MCP current actions**

## DEXA - MCP WP3

## DEXA-MCP and 4EM-MCP coordination

# The Motor Challenge: in few words?



**National Contact Point Help**

**Partner: Energy efficiency programme**

**Endorser: Help developing MCP**

**European Commission granting**



# The Motor Challenge: Pilot Action

**In 2003, SAVE project → Pilot action for Motor Systems Industrial Energy Use Challenge (MCP):**

- 18 production sites audited
- 17 GWh annual electricity savings identified
- Overall payback under 18 months

**The Motor Challenge:**

**23 Partners**

**32 Endorsers**

**19 national contact points**

**Efficiency of the MCP step**

**Need more local involvement and attractiveness**

# The DEXA-MCP main objectives

**15 contractual partners 11 countries**  
**+ Join Research centre (JRC – UE)**  
**+ Professional trade organisations (ECI, Europump, Eurovent, Pneurop)**

## **Main Objectives:**

- **Long term introduction of MCP into national energy programmes**
- **Redesign partly the MCP procedure to be more attractive**
- **Complete MCP technical modules**
- **Develop MCP widely in Europe**
- **Implement dissemination actions (at least 150 enterprise interventions)**
- **Create tools to support the MCP dissemination (software and paper)**

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# The DEXA-MCP main objectives

## Dissemination of the Motor Challenge and energy efficiency tools

- **Advertising, Exhibitions, Public intervention,**
- **Integration of the tool set into National Energy programmes and practices,**
- **Training sessions**
- **150 onsite interventions**

**120 new Partners and Endorsers by the end of the SAVE programme (Mid-2007)**

# The DEXA-MCP main objectives

Long term introduction of MCP into national energy programme.

- 1. Energy efficiency of Motor Systems is part of the Global Energy Efficiency***
- 2. All EU countries have Energy Efficiency programmes***
- 3. MCP is flexible and developed regarding these national programmes***

➔ ***Complete integration into National measures***

***Example: In France, integration into the auditing action developed by ADEME (500 audits p.a.)***

# The DEXA-MCP main objectives

*Example*



Information and training

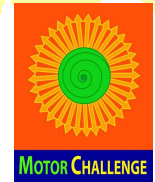
Guidelines

**AUDIT**

Information, incentives, training



- **E consumption**
- **Saving potential**
- **Steps to implement**
- **MCP action plan**





# The DEXA-MCP main objectives

## Complete MCP technical range

***2 new technical modules have been being developed:***

- ***Industrial refrigeration***  
***9% Electricity consumption (especially in some industrial sectors such as industry, plastic industry,...)***  
***6 to 10 TWh saving potential***
- ***Industrial electricity distribution systems***  
***For Example: 5 TWh saving potential with industrial distribution transformers***

# The DEXA-MCP main objectives

*Develop MCP widely in Europe.*

- ➔ **3 new countries in the project team:**
  - Lithuania**
  - Finland**
  - Slovenia**
- ➔ **Organization of a workshop to develop MCP**
- ➔ **Work with the experimented contact points to develop MCP in each one of the country**
- ➔ **Other EU countries and new accession countries**

# The DEXA-MCP main objectives

*Redesign partly the MCP procedure to be more attractive*

- ***Develop a real challenge and multiple challenges to pull different kind of Industry to be motivated by more competition, recognition and communication on their projects***
- ***Redefine the involvement of each organisation in order to perpetuate the MCP and giving it a real impact***
- ***Develop and use tools (such as ProMot) to make easier for industrial managers developing Energy Efficiency measures & applying for gratitude and MCP label granting***

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# The DEXA-MCP main objectives

***In all the involved countries has started the DEXA-MCP actions:***

- communication, contact and involvement of industries – partners and endorsers -***
- developing the technical tools***
- working on the Motor Challenge organization***
- working with the new countries***

***Full speed of the motor challenge by mid-2007***

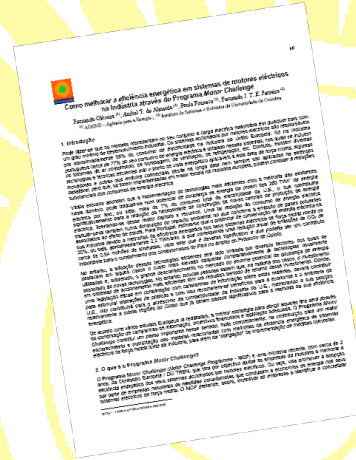
***Current DEXA-MCP Participant countries:  
Greece, Italy, Austria, Germany, The Netherlands,  
Portugal, Slovenia, Sweden, Finland, Lithuania,  
France.***

# The DEXA-MCP current actions

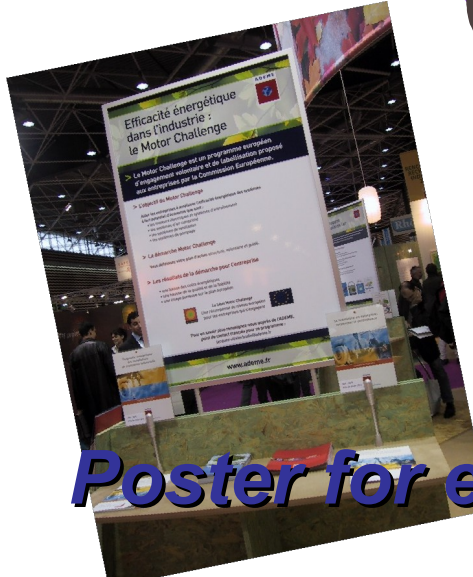
Road  
show



Press  
release



Promotion  
leaflet



Poster for exhibition

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# DEXA - MCP WP3

## Content of WP 3 of Dexa MCP:

- Dissemination of existing MCP tools and gained experiences from MCP pilot action **to new participants** from EU and accession countries
- Organization of **two workshops** (if enough potential new MCP members would attend)
- **Assist new participants in**
  - **translation** of key documents
  - **adapting tools to** local conditions of the new MCP member countries
  - **formulation of national programs** in the field of industrial energy efficiency

# Content of WP 3 of Dexa MCP:

- **Creation of links and relationships with possible MCP new members:**
  - **Contact with national energy agencies (ADEME)**
  - **Contact with trade associations and other organisations (AERE, EB)**

# DEXA - MCP WP3 and 4EM MCP coordination

**1st Internation MCP Workshop, March 21, 22 in Vienna**

**Target group** administrative personnel of Slovenia, Finland and Lithuania;  
(industry will be reached in national workshops)

AEA invited also relevant stakeholders from:  
4 EM Project and  
Slovak republic, Czech Republic, Latonia, Estonia

## **Topic**

- Current MCP documents
- Successful implementation on a national level
- Experiences from different countries
- Exchange of experience, counsel new member countries



# DEXA - 4EM MCP coordination

## Further steps

- Meeting with trade associations is planned (Spring 2006 in Bruxelles)
- Use distribution list for information about MCP Highlights, keep in contact with relevant partners from Slovak-, Czech Republic, Latvia, Estonia)
- Participation of AEA in 4 EM MCP dissemination work
- 2 nd Workshop (e.g. March 2006) if appropriate:

## Topic

- Presentations esp. to countries not already participating in MCP (Slovak republic, Czech Republic, Latvia, Estonia, Cyprus, Turkey)
- Further exchange of experience between DEXA and 4 EM members on results of MCP integration in new countries

# DEXA - 4EM MCP coordination

## Continue communication

- DEXA, 4 EM **Meetings** open to all partners
- Partners of 4 EM will be invited to give **feedback to all tools developed** in DEXA MCP
- 4 EM Partners will be **involved in the draft of the new guidelines** ("task leader" Edgar Blaustein)
- 4 EM Partners will be involved in the discussion of the **MCP support entity** ("task leader" Edgar Blaustein) (self financed organisation)
- Exchange of the **meeting minutes**
- **Coordination** while discussion with the other actors like JRC, trade associations...

# DEXA - 4EM MCP coordination

## Continue communication

- **AEA** will be in **constant contact** to 4 EM Coordinator, and to WP 4 leader Dissemination **FEWE**

- For **4 EM WP 3 "Evaluation tool"** a close coordination with the DEXA project is needed

4 EM total person-hours WP 3: 528

Dexa total person-hours WP 4 (self evaluation tools): 1.638

So the main part has to be done in the Dexa project  
WP leaders ADEME and ISR will be in close contact  
(ISR is in both projects)