

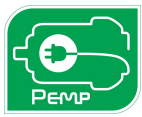
Polish Energy Efficient Motor Programme

PEMP

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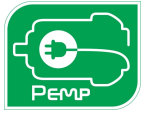
www.pemp.pl



Organizations involved in development and implementation of the PEMP



POLSKIE
CENTRUM
PROMOCJI
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PEMP what is it?

- The PEMP is five years programme supported by Global Environment Facility,
- it concerns electric motor systems (motor, controls, transmission, driven machinery: pumps, fans, compressors, conveyors, etc.),
- it is intended to utilize the economic potential for energy efficiency improvement in Polish economy,
- reduction of electrical energy consumption – translates to the reduction of greenhouse-gases emission from power plants,
- PEMP has been located in GEF Focal Area of Climate Change.

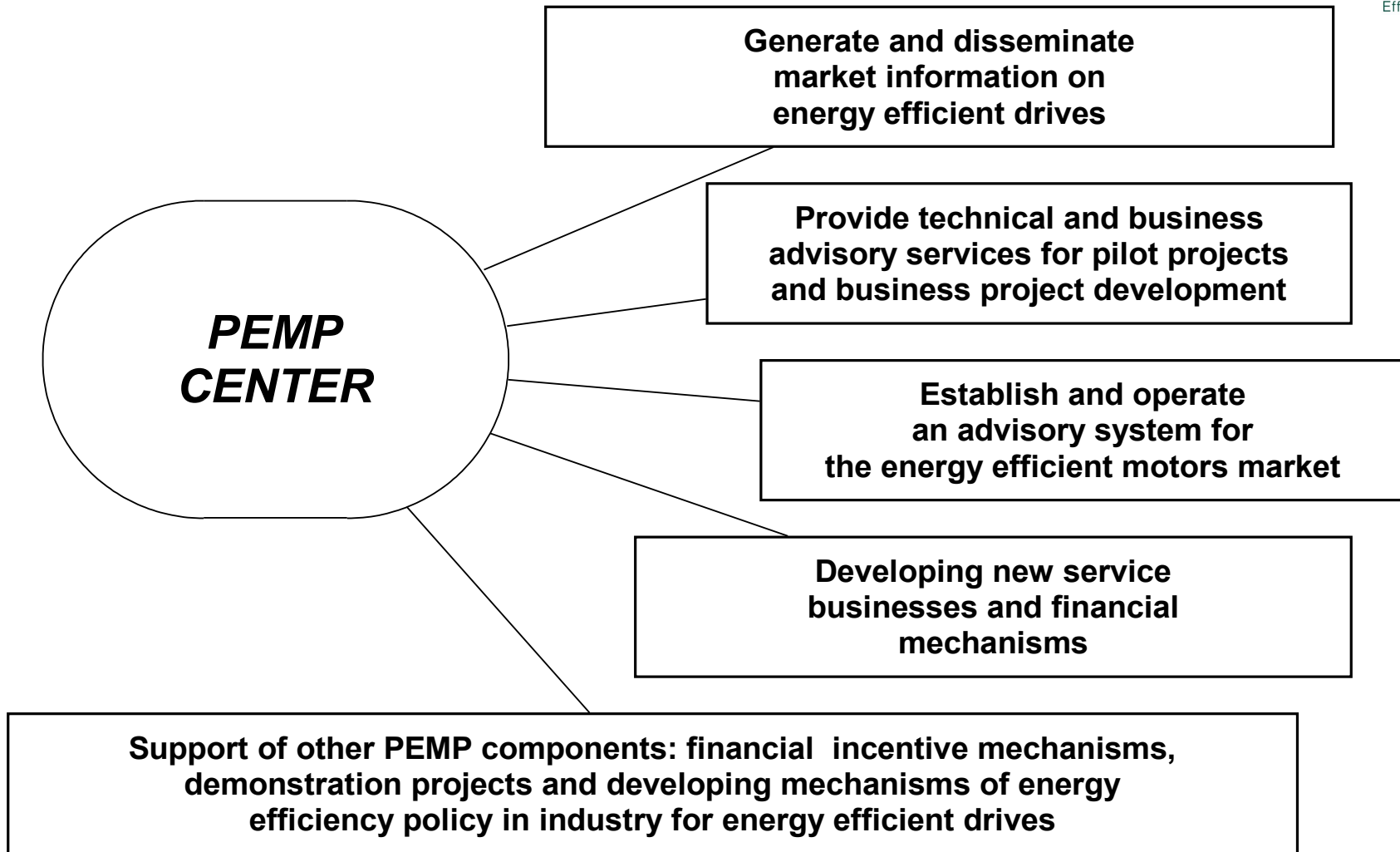
Expected results

- climate change goal: reduce domestic GHG emissions by 832 thousand tons CO₂ by 2008 and 3.7 million tons CO₂ by 2013;
- energy efficiency goal: reduce electricity consumption in motor systems by 55.7 GWh in 2008 and 231.6 GWh in 2013;
- ecological goal: reduce emission of air pollutants - dust, NO_x, SO₂
- economic goal: introduce to the market a new generation of energy-efficient motors and achieve their 15% share in total motor sales over 5 years, increase the number of adjustable speed drives, activate market niches for manufacturing and services of ca. 90 million PLN.

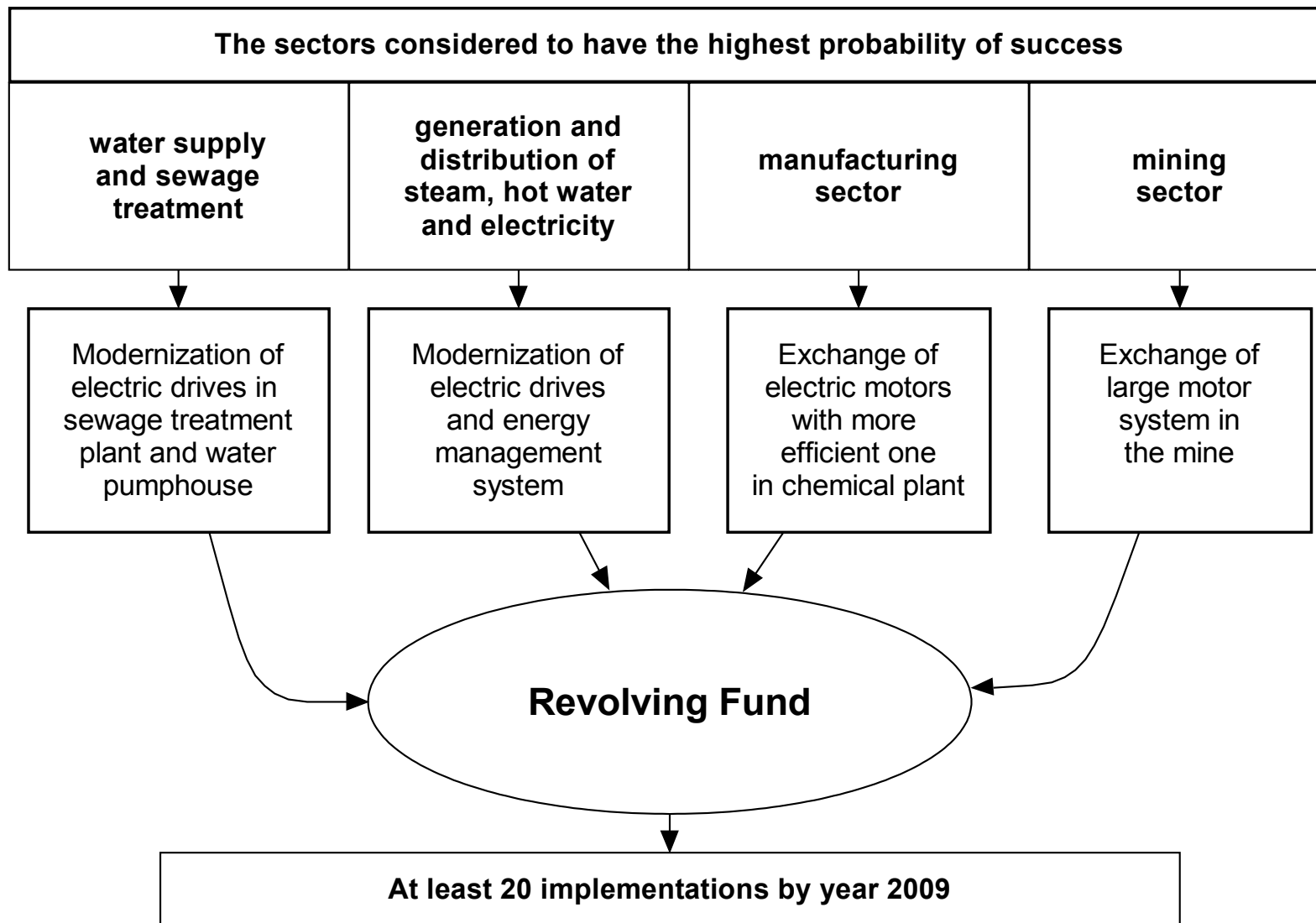
PEMP activities

- The first major activity focuses on building capacity and raising awareness by providing information and services related to energy efficient electric motor systems.
- The second major activity involves demonstration projects to establish and showcase the technical and economic benefits of energy efficient motor systems.
- The third major activity has the objective of stimulating market transformation and competition through a financial incentive mechanism.
- The fourth, a policy component.

Building capacity and awareness raising

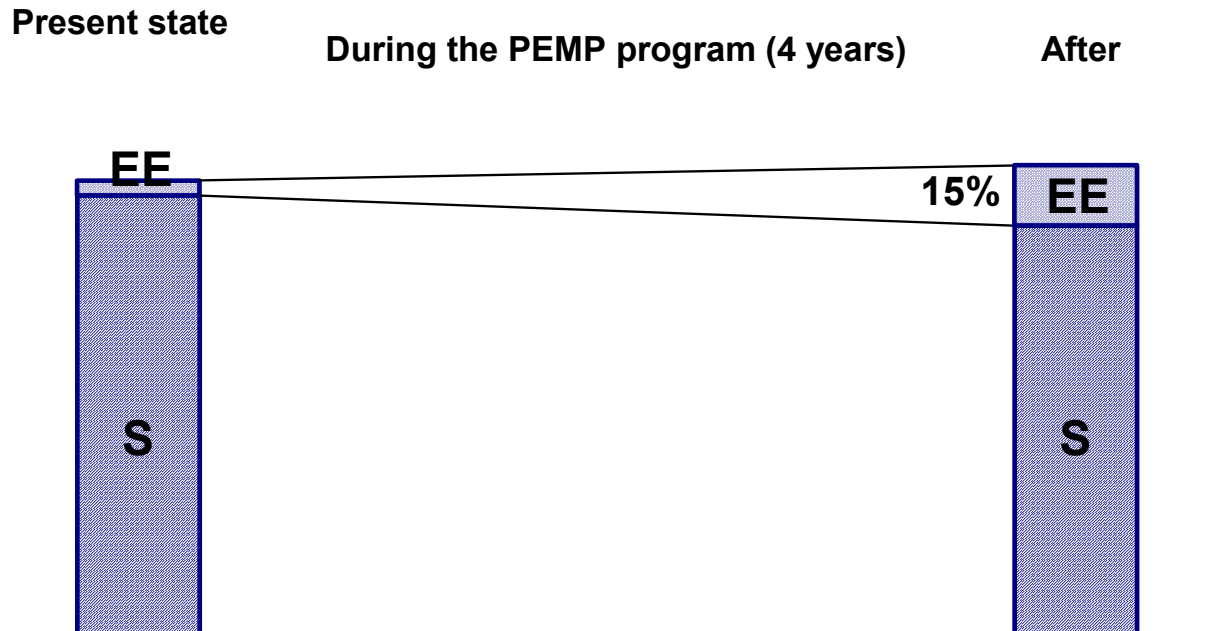


Demonstration projects



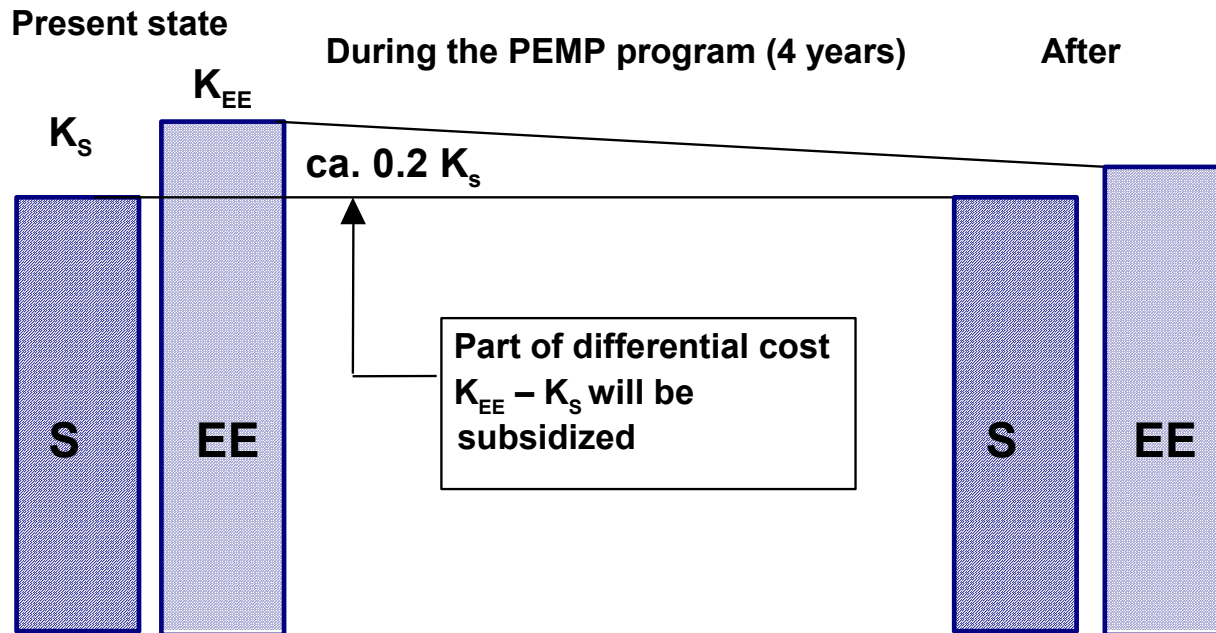
Financial incentives

Sale of motors



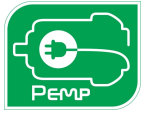
Financial incentives

Cost of motors



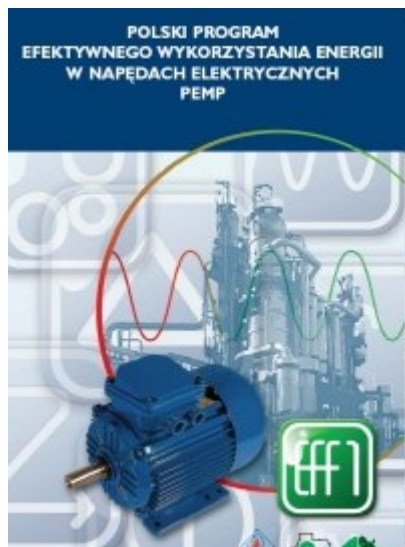
Policy component

- increase knowledge of industrial energy efficiency policy among decision-makers,
- develop a national policy for industrial energy efficiency,
- develop schemes for the labelling, Long Term Agreements (LTA) and Best Practice Initiatives (BPI),
- link and co-ordinate with other energy efficiency programmes.



Implementation

- The PEMP implementation phase has started in the year 2004,
- The PEMP Center is established and operate,
- First demonstrations are under implementation,
- The financial incentive mechanism has started (end of 2005).



PEMP - Program Efektywnego Wykorzystania Energii w Napędach Elektrycznych - Witamy na stronach poświęconych programowi PEMP. - Opera

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Witamy na stronach poświęconych programowi PEMP.

W serwisie znajdziecie Państwo ogólne wiadomości na temat programu PEMP jak również aktualne informacje dotyczące jego realizacji.

Ponadto [przedstawiamy zagadnienia](#) związane ze stosowaniem energooszczędnych silników elektrycznych oraz napędów, prezentujemy przykłady przedsięwzięć zrealizowanych w przemyśle, związanych z wdrażaniem energooszczędnych silników oraz układów regulacji systemów napędowych.

[Prezentujemy oprogramowanie](#) przeznaczone do doboru silników elektrycznych, pomp, wentylatorów.

Użytkowników energooszczędnych układów napędowych zachęcamy do podzielenia się z nami [spostrzeżeniami na temat ich pracy](#).

Zachęcamy do wymiany doświadczeń na [forum dyskusyjnym](#).

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