



EMD International A/S

Company Profile

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EMD International A/S is a fully owned subsidiary of the independent association "Energi- og Miljødata" (Energy and Environmental Data) founded in 1986.

EMD is located in Aalborg, Denmark and has regional sales and support offices in Germany, France, Spain, United Kingdom, United States, Middle East and China.

EMD is a software and knowledge centre supplying companies and institutions worldwide with software, consultancy services, training and know-how within the fields of project design, planning and documentation of environmentally-friendly energy projects.

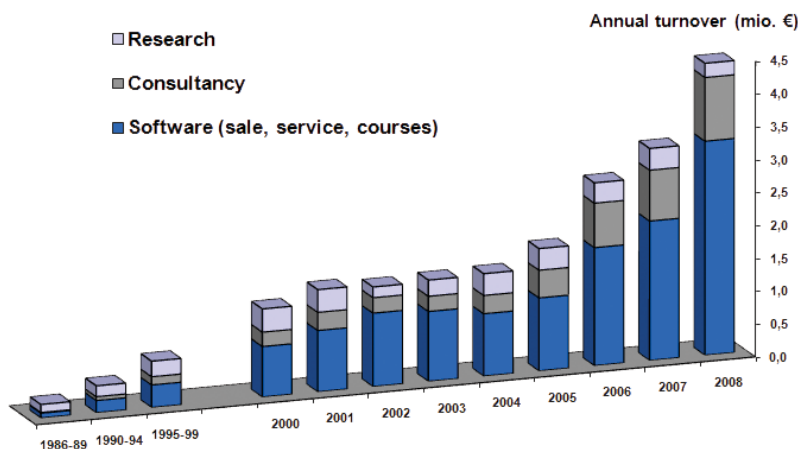
EMD's long-term interaction with project developers, consultants, manufacturers, investors, utilities and authorities within the Danish "full scale" laboratory has resulted in two commercial software packages for the design and planning of renewable energy projects, WindPRO and energyPRO. Today, these are used worldwide and accepted by investors, banks and local authorities as serious, independent and knowledge-based assessment and analysis tools leading them to a position as the world's most used software packages within their fields.



EMD Values Mission

- To be at the forefront of the renewable energy industry with dissemination of the latest research and development related to wind energy and distributed energy generation.
- To transform and implement the latest research results and experience into user-friendly software packages for worldwide distribution with easy access to training, service and support.
- To offer our know-how and expertise within wind energy and distributed energy systems as independent consultants to selected clients worldwide.

Key Activities Business



From 2000 to 2002, wind energy saw an initial influx of environmentally driven investments. The pace of investment relented for a few years, but the dramatic increase in oil prices in 2005 gave the wind industry a renewed impetus. Wind energy is now a global industry, which is strongly reflected in the WindPRO software sales that dominate the turnover figure seen above. Besides software our key activities are consultancy and public funded research activities.

Software

World Leading



WindPRO is the world's most widely used software package for planning and design of wind farm projects. More than 1,200 companies and institutions, including all of the world's leading turbine manufacturers, project developers, engineering companies, utilities, planning authorities and research institutions are using WindPRO.

The calculation results and documentation from WindPRO are recognized and accepted worldwide by investors, banks and planning authorities.



energyPRO is a modeling software package for combined techno-economic analysis and optimization of complex energy projects with a combined supply of electricity and thermal energy (steam, district heating or cooling). The main focus is to find the optimal (most cost-efficient) plant configuration based on the locally-specific conditions, such as fuel costs, tariffs and variations in consumer demand.

energyPRO is typically used for the techno-economic analysis of projects like cogeneration plants combined with thermal storage, industrial cogeneration plants, trigeneration plants and biomass/biogas fuelled CHP plants. Other types of projects, e.g. geothermal, solar, photovoltaic or wind/diesel projects can also be analysed and detailed within the software.

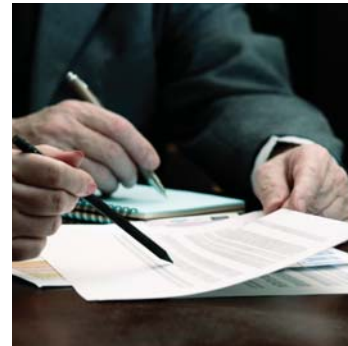


Consultancy / Research

Expertise

EMD also offers an extensive range of consultancy services within wind energy and cogeneration development, including feasibility studies, assessments, design and planning, documentation, second opinion analyses and due diligence of planned and existing projects. Major international banks accept the consultancy services provided by EMD as being fully bankable.

To expand our knowledge within our areas of expertise, we also participate in national and international research projects funded by the local government programmes, the EU, the World Bank, UNDP and other cross-national organizations.



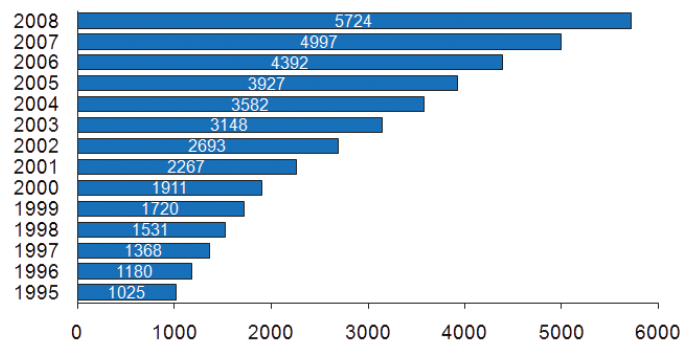
Training

Knowledge Transfer

Training can be advantageous to get hands-on experience in using our software. We arrange training courses for beginners as well as advanced course for the more experienced users at different locations in Europe and North America on a regular basis. In addition, we offer tailor-made courses based on your requirements and location.

We also offer extensive capacity building training programmes for companies and organisations wishing to get in-depth knowledge about wind energy or other forms of sustainable energy.

Course attendance at EMD open courses (accumulated days)



EMD International

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