

Curriculum Vitae

Name Thomas Sørensen
 Date of Birth 14.08.1973
 Nationality Danish
 Profession Wind Energy Consultant, EMD International A/S
 Education M.Sc Geology, Aarhus University
 Language Danish, English
 Email ts@emd.dk
 Contact Address EMD International A/S
 Niels Jernesvej 10, DK-9220 Aalborg
 ☎ +45 9635 4458



Work Experience

1999-Present

Wind energy consultant at EMD International A/S working with the following particulars

Consultancies on energy capture calculations in many parts of the world (Denmark, Norway, Sweden, Estonia, Poland, Germany, France, Italy, Greece, Philippines, UK, Rep. Ireland).
 Consultancies on environmental impact studies in a similar list of countries Approx. 25-35 consultancy assignments performed each year since 1999. Highlights from these:

Environmental studies:

- 1999 –Visualization, noise, shadow flickering study of Aalborg Harbour wind farm
- 2000-2002 Visualization studies of 5 major offshore windfarms in planning, Sweden.
- 2004 Extent of visual influence of windfarms in Sweden
- 2000-2004 Adaption of noise propagation guidelines to planning software (Sweden, UK, Holland, etc).

Wind studies.

- 2000 – Energy production calculation- Northern Norway
- 2000 - Energy production calculation - Offshore wind farm, Denmark
- 2000 - Energy production calculation - Skåne, Sweden incl site visit
- 2001 - Energy production calculation - Central Italy
- 2001 - Energy production calculation - Central Italy incl. Site visit
- 2001 - Energy production calculation - Ireland Incl. Site visit
- 2002 - Energy production calculation – Poland
- 2002 - Energy production calculation – Estonia
- 2002 - Energy production calculation – offshore UK
- 2003 - Energy production calculation – Northern Sweden
- 2003 - Series of energy production calculations in Ireland incl. Site visit
- 2003 - Energy production calculation – Estonia
- 2004 - Energy production calculation – Northern France incl. Site visit
- 2004 - Energy production calculation – Ireland
- 2004 - Series of energy production calculations in Germany (several projects)
- 2005 - Series of energy production calculations in Germany (several projects)
- 2005 – Energy production calculation, Sweden
- 2005 – Energy production calculation, Poland
- 2005 – Energy production calculation, Norway
- 2005 – Energy production calculations, Ireland (several projects)

EMD International A/S, Niels Jernes Vej 10, 9220 Aalborg Ø, Denmark
 Tel: +45 96 35 44 44, Fax: +45 96 35 44 46
 E-mail: emd@emd.dk Web: www.emd.dk

Development assignments for the wind farm planning software WindPRO covering

- Shadow flickering
- Noise impact calculation
- Visual impact
- Maintaining a catalogue of current wind turbine generators
- MCP (long term correction) method development
- General development and testing of WindPRO
- Providing courses in use of WindPRO and wind energy and environmental impact assessment in a host of countries
- Maintaining a catalogue of wind turbines in Denmark

WindPRO Training activity:

1999: Denmark Workshop assistant
2000: Denmark Workshop assistant
Ireland Workshop assistant
2001: Denmark Workshop assistant
Sweden Workshop leader
Spain Workshop leader
France Workshop leader
France Workshop leader
2002: France Workshop leader
Denmark Workshop assistant
Denmark Workshop leader
Spain Workshop leader
Spain Workshop leader
2003: Denmark Workshop assistant
Ireland Seminar speaker
Italy Workshop leader
France Workshop leader
2004: Denmark Workshop leader
UK Workshop leader
Ireland Workshop leader
2005: Australia Workshop leader
Denmark Workshop leader
Canada Workshop leader

Education

1998
Graduated from Aarhus University, Denmark with an M.Sc. in Geology with specialization in micro-meteorology.

Software Abilities

Expert user of WindPRO.
Certified user of WAsP
Expert user of spreadsheets
Standard user of assorted office related software.