



# US - WindPRO PRICE LIST



January 2012

**Terms of Payment:** . Payment in Advance or C.O.D

**Terms of Delivery:** Delivery will take place by courier on our account after receipt of payment and signed license agreement

Standard software package contains a digital manual and latest WindPRO version on a USB stick

Important: This price list is based on an exchange rate of 1.30 between EUR / USD - Final invoice prices will be adjusted at date of your order according to the prevailing EUR / USD exchange rate in the event that they differ more than +/- 5% compared to the exchange rate used in this price list.

## WindPRO MODULES: (Windows XP/Vista/7)

Module name:	Price	Language							Short description
		USD	DE	DK	ES	FR	SE	UK	
<b>BASIS</b> <sup>1)</sup>	1.300	X	X	X	X	X	X	X	Map Handling, WTG Catalogue, Project Administration, Globe, Google Earth Exporter
Energy, <b>METEO</b>	1.300	X	X	X	X	X	X	X	Import and analysis of measured wind data. Calculation of energy yield for single WTG
Energy, <b>MODEL</b>	1.300	X	X	X	X	X	X	X	Calculation of energy yield for one WTG and wind resource maps based on flow model
Energy, <b>MCP</b> <sup>2)</sup>	1.625	X		X	X			X	MCP analysis of measured wind data compared to long-term reference data
Energy, <b>PARK</b> <sup>3)</sup>	1.625	X	X	X	X	X	X	X	Wake loss / wind farm AEP calculation based on the METEO or MODEL modules
Energy, <b>OPTIMIZE</b> <sup>4)</sup>	1.625	X	X	X	X	X	X	X	Automatic optimization of park layout for max. AEP and/or based on noise restrictions.
Energy, <b>Loss &amp; Uncertainty</b>	1.625	X						X	Loss and uncertainty analysis with calculated net energy yield at different exceedance levels (P50 to P99)
Environment, <b>DECIBEL</b>	1.105	X	X	X	X	X	X	X	Noise calculation for WTG(s) or Wind Park at any neighbour.(+ isoline map)
Environment, <b>SHADOW</b>	1.105	X	X	X	X	X	X	X	Flicker calculation for WTG or Wind Park of any neighbour.(+ isoline map)
Environment, <b>ZVI</b>	1.625	X	X	X	X	X	X	X	Zones of Visual Influence (area calculation + ZVI-map) and Radar ZVI calculations
Environment, <b>IMPACT</b> <sup>5)</sup>	650	X	X	X	X	X	X	X	Documentation of the environmental impact (above 3 modules) for individual neighbour
Visual, <b>PHOTOMONTAGE</b>	1.950	X	X	X	X	X	X	X	Visualization of WTGs based on landscape/panoramic photos or artificial landscape
Visual, <b>ANIMATION</b> <sup>6)</sup>	975	X	X	X	X	X	X	X	Animated presentation of WTGs based on a photomontage. Export to web pages
Visual, <b>3D-ANIMATOR</b>	975	X	X	X	X	X	X	X	VR presentation of WTGs in an artificial rendered landscape. Free viewer included
Electrical, <b>eGRID</b>	1.950	X		X	X			X	Design, grid loss and load calculations for the electrical grid system at wind farms
Economy, <b>WINDBANK</b>	1.625	X	X	X			X	X	Financial calculation of wind energy projects. Special WTG features for this purpose
Report print module (for printing reports in another language than the software version)	975								Module for printing all WindPRO reports in Chinese, Czech, Danish, English, French, German, Italian, Portugese, Romanian, Spanish and Swedish

All prices are based on a single-user standard licence in ONE language

Per additional user: +30%

WindPRO is a module based program which means that you can design your software package to match your needs.

However, there do exist some dependencies among some modules - please see below:

\*1) Required for all modules

\*2) Requires METEO

\*3) Requires min. METEO or MODEL

\*4) Requires METEO or MODEL + PARK

\*5) Requires DECIBEL, SHADOW & ZVI

\*6) Only sold with PHOTOMONTAGE

**Universities:** Special university prices available. Please contact EMD to receive more information.

## OTHER WIND RELATED SOFTWARE

Module name:	Price	Language							Short description
		USD	DE	DK	ES	FR	SE	UK	
<b>Danish WTG Catalogue</b>	130		X						Database and presentation/analysis tool containing all WTGs in Denmark
<b>Polish Wind Atlas, package 1</b>	1.300							X	Wind Atlas, Mid-north Poland (wind statistics), based on 5 years and 30m mast
<b>Polish Wind Atlas, package 2</b>	3.900							X	As above and incl. background maps and digital height contour lines
<b>WASP 10.1</b> <sup>8)</sup>	4.450							X	WASP software - Windows XP/Vista/7
<b>WASP 10.1 additional copy</b>	2.230							X	
<b>Upgrade to 10.1 from 4/5/6/7/</b>	1.280							X	
<b>Upgrade to 10.1 from 8.x/9.x</b>	670							X	
<b>WASP support 1 year</b>	450								WASP Support
<b>WASP Engineering 3.0**</b>	4.450							X	WASP Engineering - Windows XP/Vista/7
<b>WASP Engineering Upg. 3.0 from 1.x</b>	1.280							X	
<b>WASP Engineering Upg. 3.0 from 2.x</b>	670							X	
<b>WASP Engineering 3.0 add. Copy</b>	2.230							X	
<b>WASP Engineering Support 1 year</b>	450								WASP Engineering Support
<b>European Wind Atlas</b>	170							X	Book + CD

\*8) Developed by the Danish Research Institute DTU RISØ. Only sold with WindPRO. Price is fixed by DTU RISØ and can be changed without prior notice.

The WASP package is delivered directly from DTU RISØ.

## SERVICE & UPGRADING OF SOFTWARE

Product	USD	Short description
WindPRO Service and upgrade after the 1. year	20% of the list price	Includes free hotline service and software upgrade to latest versions of your WindPRO modules

## CONSULTANCY

Product	USD	Short description
Consultancy services *a)	205/hour+expenses	Wind energy consultancy within energy, environmental and visualisation calculations - Please notice that certain
Consultancy services *b)	189/hour+expenses	limitations on consultancy liability exist - Please contact us for further information.

\*a) Consultancy performed by department managers

\*b) Consultancy performed by other consultants or programmers at EMD.

## COURSES

	USD	Short description
Individually arranged courses	2775/day+expenses	Please ask us for quotations for individually arranged courses
WindPRO international courses	see www.emd.dk	For further information, please call or visit our website.

see also www.emd.dk