I N V I T A C I Ó N

E2Q de México, una empresa del Grupo Barlovento, en conjunto con Meteodyn Meteorology and Dynamics, tienen el placer de extenderle una cordial invitación al seminario "**Meteodyn WT: Modelización de viento CFD para todo tipo de terrenos, para evaluar el recurso eólico**" que se ofrecerá el próximo 28 de febrero de 2014 en las instalaciones de PROMEXICO ubicadas en:

Auditorio de ProMéxico
Camino a Santa Teresa No. 1679. Col. Jardines del Pedregal
Del. Álvaro Obregón, C.P. 01900. México, D.F.

El evento no tiene costo alguno y tendrá una duración de 7 horas comprendidas en el siguiente horario: iniciando a las 9:00 horas y finalizando a las 17:30 horas, con un espacio intermedio para comer de las 13:30 a las 15:00 horas.

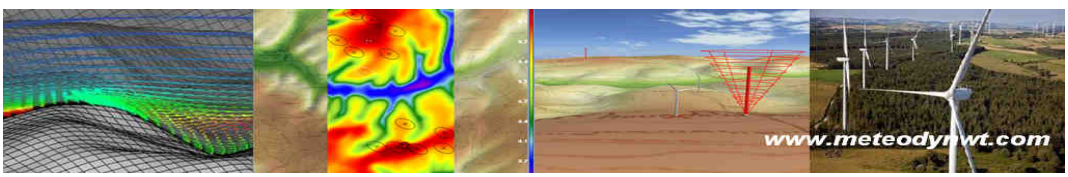
El seminario tiene cupo limitado por lo que, en caso de estar interesado en participar, favor de confirmar por medio de correo electrónico a la dirección mexico@barlovento-recursos.com, con atención a la Lic. Inés Bravo.

Para mayor información se anexa a continuación el programa del evento.

Sin más por el momento, me despido esperando tener la oportunidad de contar con su valiosa presencia en el mencionado seminario.

CORDIALMENTE

Omar Galaviz
Director General
E2Q de México, S.A. de C.V.



METEODYN WT : CFD MODELING OF WIND FLOW FOR ALL KIND OF TERRAIN TO EVALUATE WIND RESOURCE ASSESSMENT

Carry out wind resource assessment study: *produce wind maps on terrains dedicated to wind farms, estimate production and site suitability according to current standards*

Carry out wind atlas: *evaluate wind potential for a region that can cover hundreds of km²*

1 day

More information

info@meteodyn.com

Target

This training provides useful methods to carry out CFD studies for wind modeling and wind resource assessment evaluation thanks to Meteodyn WT

Every person in charge of resource assessment for all kinds of terrain (flat or complex terrain, with forest, …)

Trainer has got a professional experience of CFD software and wind resource assessment studies.

Concerned attendee

Anyone who has to carry out wind resource assessment study

Requirements

Use of software with Windows platform

Teaching method

Teaching support

. A complete training support with all the concepts
. Exercise data and project realized during the training session

Teaching mode

. Training class place
. Video projector
. Paper board

Training schedule

Meteodyn WT: introduction et principles

- *A performing CFD software dedicated to wind resource assessment study*
- *Operating principles of the software*

Graphic User Interface of the software

- *Practical case: installation of the application*
- *Practical case: interface and Menu – Licence – Options – Project set up*

Site creation

- *Topographical data process*
- *Zones of interest definition*
- *Specific features of the software*
- *Practical case: site set up, import topographical data, interest zone specification, display and validation's project*

Directional computations with CFD solver

- *Mesh generation*
- *Fluids mechanic solving equations*
- *Initial conditions, boundary conditions, and forest models*
- *Practical case: set parameters of computations for the previous created site – launch directional computations*

Synthesis

- *Meteorological data process*
- *Wind turbines characteristics process*
- *Practical case: launch synthesis with specific parameters*
- *Standards application*
- *Practical case: results analysis*

Feedback and modification according to case studies and attendees remarks