

## Enercon E-126 / 7.5 MW

(situation **June 2012** as based on public available [www information](#))

### ..... Nearing Final Decision to build:

- Netherlands [Eemshaven]: **1 x E126** – project decision May 11<sup>th</sup> 2010, jurisdiction and final approval in court 21 september 2011, planned for 2012 (albeit: *1x E-126 & 1x Repower M6... or: 2x Repower M6 ?*)
- France [Juniville] (between Juniville and Machault): Wind farm named “Le mont des 4 faux”, **47 x E126** – awaiting final approval expected during 2012.

### ..... Decided and Construction Started (or Nearing Completion):

- Sweden [Markbygden]: **2x E126** Stör-Blaliden, construction started spring 2011.
- Sweden [Markbygden]: ”ca.” **6x E126** Etapp 1 (from 330 turbines, in so far “ca.” 324x E101), [*possibly (much?) more than 6 – plans still not available*] approved 19 December 2011, construction start expected during 2012.
- Germany [Diepenau, Uchte]: **3x E126** – construction started winter 2011-2012, completion foreseen spring 2013.
- Germany [Dummerstorf (Kessin) - Altentreptow (Werder)] **11x E126** after completed first 4 : completion of 11 additional turbines(5<sup>th</sup> tot 15<sup>th</sup>) – construction of those 11 more has started before summer 2012.
- Germany [Seibersbach/Dörrebach - Ellern] (Juwi) **5x E126** to be completed before end 2012.
- Netherlands [Noordoostpolder]: **38x E126** – final government decision taken 6 January 2011 - after case for highest court this decision has been confirmed on 8<sup>th</sup> February 2012.– Construction started May 2012.

### ..... Completed:

- Belgium	[Estinnes] .....	<b>11x E126</b>	completed.
- Germany	[Dummerstorf (Kessin) - Altentreptow (Werder)] : first 4 of 15 completed early in 2012 .....	<b>4x E126</b>	completed.
- Germany	[Emden, Rysumer Nacken] .....	<b>3x E126</b>	completed.
- Germany	[Cuxhaven, Grodener Testfeld] .....	<b>1x E126</b>	completed.
- Germany	[Hamburg-Altenwerder] .....	<b>2x E126</b>	completed.
- Germany	[Osterfeld] .....	<b>3x E126</b>	completed.
- Germany	[Georgsfeld] .....	<b>3x E126</b>	completed.
- Germany	[Schneebergerhof] .....	<b>1x E126</b>	completed.
- Germany	[Magdeburg – Rothensee] .....	<b>1x E126</b>	completed.
- Germany	[Schipkau] on Lausitzring (Eurosportway) .....	<b>1x E126</b>	completed.
- Germany	[Uckermark (Prenzlau) – Windpark Neuenfeld] .....	<b>1x E126</b>	completed.
- Germany	[Neubukow] .....	<b>1x E126</b>	completed.
- Netherlands	[Wieringermeer (Zuiderdijkweg near Medemblik)], repowering 1985 wind turbine ‘De Ambtenaar’: .....	<b>1x E126</b>	completed.
- Austria	[Pötzneusiedl]: .....	<b>2x E126</b>	completed.

### overview

<b>3</b>	Rysumer Nacken / An der Knock / Gelände des VW-Werkes - <b>Emden</b> .....	Germany
<b>1</b>	Grodener Testfeld der DEWI OCC bei <b>Cuxhaven</b> .....	Germany
<b>3</b>	Windpark <b>Georgsfeld</b> 3 km nordwestlich von Aurich .....	Germany
<b>2</b>	Hamburg-Altenwerder .....	Germany
<b>1</b>	<b>Magdeburg</b> - Rothensee .....	Germany
<b>3</b>	Windpark <b>Osterfeld</b> (Sachsen-Anhalt) .....	Germany
<b>1</b>	Am <b>Schneebergerhof</b> in der Pfalz .....	Germany
<b>1</b>	<b>Schipkau - Lausitz</b> – Eurosportway .....	Germany
<b>15</b>	<b>Dummerstorf</b> (Kessin) – <b>Altentreptow</b> (Werder): (4 completed as of March 2012) .....	Germany
<b>1</b>	<b>Uckermark</b> (Prenzlau) – Windpark Neuenfeld.....	Germany
<b>1</b>	<b>Neubukow</b> .....	Germany
<b>3</b>	<b>Diepenau</b> (Uchte).....	Germany
<b>5</b>	<b>Seibersbach/Dörrebach</b> - Ellem (Juwi) <b>5x E126</b> to be completed before end 2012. ....	Germany
<b>2</b>	<b>Pötzneusiedl</b> .....	Austria
<b>11</b>	Wind farm <b>Estinnes</b> .....	Belgium
<b>38</b>	Wind farm <b>Noordoostpolder</b> .....	Netherlands
<b>1</b>	Wind farm <b>Eemshaven</b> .....	Netherlands
<b>1</b>	Windturbine <b>Wieringermeer</b> (repowering wind turbine ‘De Ambtenaar’ near Medemblik) .....	Netherlands
<b>47</b>	Wind farm <b>Le mont des 4 faux</b> (Juniville - Machault) .....	France
<b>2</b>	Stör-Blaliden (pilot project <b>Markbygden</b> project).....	Sweden
<b>6</b>	Etapp 1 (first part of big <b>Markbygden</b> project – [possibly not 6 but till 15% or around 45 of the 314 turbines will be E-126] ) .....	Sweden

<b>40 x</b>	.....	<b>Germany</b>
<b>2 x</b>	.....	<b>Austria</b>
<b>11 x</b>	.....	<b>Belgium</b>
<b>40 x</b>	.....	<b>Netherlands</b>
<b>47 x</b>	.....	<b>France</b>
<b>8 x</b>	.....	<b>Sweden</b>

**TOTAL = at least 148 wind turbines Enercon E-126 /7,5MW**

Given an expected positive result of some still pending approvals, **at least 148 E-126 wind turbines** are completed, are in construction, or will most likely reach construction phase in 2012 – 2014.

Furthermore, for the following phases within the Swedish Markbygden project, following Etapp 1, one foresees an additional and huge quantity of E-101 (3.05 MW) and E-126 (7.58 MW) turbines, the exact number of each however remains to be decided.

(There are more possible plans in the running implying the choice for onshore 7,5 MW E-126 Enercon turbines, still in a studying or considering phase)

E-126 in good wind conditions sometimes surpasses 7.6 MW and even 7.7 MW power output, see these 3 printscreens : Estinnes Belgium WEC #3 data (14 + 30 december 2011)

**7MW** Pilot Demonstration of Eleven 7MW-Class WEC at Estinnes in Belgium

Instantaneous Data of Wind Energy Converter # 03

Period of on-line display: 01.07.2011 - 31.08.2012

Wind turbine 3 reached for the first time 7.5 MW on May 22nd, 2011.

Power output (kW): 7710  
Wind speed (m/s): 15  
Wind direction (°): 217

Eigenschappen voor Datum en tijd  
Datum en tijd: December 2011  
Tijd: 6:44:55 PM  
Huidige tijdzone: Romance (standaardtijd)

**7MW** Pilot Demonstration of Eleven 7MW-Class WEC at Estinnes in Belgium

Instantaneous Data of Wind Energy Converter # 03

Period of on-line display: 01.07.2011 - 31.08.2012

Wind turbine 3 reached for the first time 7.5 MW on May 22nd, 2011.

Power output (kW): 7716  
Wind speed (m/s): 16  
Wind direction (°): 216

Eigenschappen voor Datum en tijd  
Datum en tijd: December 2011  
Tijd: 6:36:42 PM  
Huidige tijdzone: Romance (standaardtijd)

**7MW** Pilot Demonstration of Eleven 7MW-Class WEC at Estinnes in Belgium

Instantaneous Data of Wind Energy Converter # 03

Period of on-line display: 01.07.2011 - 31.08.2012

Wind turbine 3 reached for the first time 7,5 MW on May 22nd, 2011.

Power output (kW): 7729  
Wind speed (m/s): 15.5  
Wind direction (°): 287

Eigenschappen voor Datum en tijd  
Datum en tijd: December 2011  
Tijd: 6:44:55 PM  
Huidige tijdzone: Romance (standaardtijd)