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Publication | 28.05.2009

Wind power

WIND POWER

Jobs in wind energy in Europe

The European Wind Energy Association (EWEA) estimates that there were 108,600 jobs directly related to wind energy in the EU-27 in 2007. Wind energy also generates indirect jobs, for example suppliers of raw materials. EWEA estimates the total number of wind energy jobs in 2007 at 154,000. This has likely grown to at least 160,000 in 2008. By 2030, more than 375,000 people should be employed directly in the sector – 160,000 onshore and 215,000 offshore.

According to the WWF, employment in the European wind has the potential to reach **329,000 jobs in 2020** and **377,000 in 2030**.

Denmark, Germany and Spain - wind power pioneers

Wind energy companies are established in all nearly all EU Member States. However, 75% of the jobs in the sector are in Denmark, Germany and Spain, the three wind energy 'pioneers'. Schleswig-Holstein in Germany gets one-third of its electricity from wind and 7,000 people are directly employed by the industry.

Italy had 2,500 jobs in wind in 2007, nearly 4,500 in 2008 and could have up to 66,000 by 2020.

Wind energy

Direct employment from wind energy companies in European countries, 2007

Country	**No. of direct jobs**
Austria	700
Belgium	2,000
Bulgaria	100
Czech Republic	100
Denmark	23,500
Finland	800
France	7,000

Germany	38,000
Greece	1,800
Hungary	100
Ireland	1,500
Italy	2,500
Netherlands	2,000
Poland	800
Portugal	800
Spain	20,500
Sweden	2,000
United Kingdom	4,000
Rest of EU	400
Total direct employment (manufacturing)	**108,600**
Total indirect employment (manufacturing)	**45,400**
Total direct + indirect employment (manufacturing)	**154,000**
Installation (EU 25)	**27,400**
Maintenance (EU 25)	**16,100**
Total	**197,500**

Published in February 2009 by EWEA.

Sources: EWEA survey; ADEME, 2008; AEE, 2008a; DWIA, 2008; Federal Ministry of the Environment in Germany, BMU 2008

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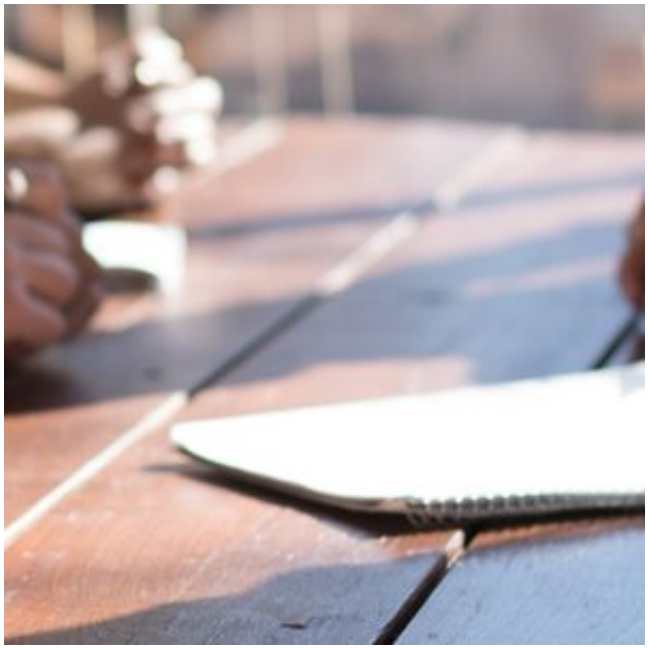

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Heads of national delegations in the GREENS/EFA Group

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