







Wind contributes to national electrical demand

	National				
IEA Wind	electricity	Percent of national electricity			
Country	demand (TWh/yr)	demand from wind*			
Denmark	34,8	19,3%			
Portugal	49,9	15,0%			
Spain	251,5	14,4%			
Ireland	27,4	10,8%			
Germany	582,5	6,5%			
Canada	549,9	1,8%			
United States	3 741,0	1,9%			
* % of national electricity demand from wind = (wind generated electricity/ national electricity demand)					
Source. IEA Wind 2009 Annual Report					

- The EU has moved from 0.1% wind contribution in 2000 to 5% in 2010.
- Portugal experienced an instantaneous wind energy contribution of 70% with no operational problems.



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	Wind energy development brings						
Total Wind CountryTotal Wind CapacityEstimated impact (MW)Estimated impact (Million euro)EndU. S.35 08685 00014 450Germany25 77790 0005 650Spain19 14925 438milItaly4 85018 0002 000UK4 05116 000milPortugal3 6162 500956Denmark3 48026 0005 300Source: IEA Wind 2009 Annual Report1 500					• Thanks to wind generation, the U.S. avoided 62 million tons of CO ₂ emissions, the same as taking 10,5 million cars off the road		
	nergy/Technology Network				iea wind		















