

## The development of wind power around the world

Country	LEDC or MEDC	Wind farm location/type	Positives	Negatives
U.S.A.				
Spain				
Netherlands				

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Country	LEDC or MEDC	Wind farm location/type	Positives	Negatives
Denmark				
India				
Ghana				

1. Read the information about the 6 selected countries on the world map. If you are in class, watch the video clips with them. If working from the website, I may not be able to load them so work from the resource to complete the tables, then perhaps do a bit of research on the web to see if you can add more. Here are some links:

[http://en.wikipedia.org/wiki/Wind\\_power\\_in\\_the\\_United\\_States](http://en.wikipedia.org/wiki/Wind_power_in_the_United_States)

<http://www.alternative-energy-news.info/spain-sets-wind-power-generation-record/>

[http://en.wikipedia.org/wiki/Wind\\_power\\_in\\_the\\_Netherlands](http://en.wikipedia.org/wiki/Wind_power_in_the_Netherlands)

[http://en.wikipedia.org/wiki/Wind\\_power\\_in\\_Denmark](http://en.wikipedia.org/wiki/Wind_power_in_Denmark)

[http://en.wikipedia.org/wiki/Wind\\_power\\_in\\_India](http://en.wikipedia.org/wiki/Wind_power_in_India)

<http://www1.voanews.com/english/news/africa/a-13-2006-08-29-voa33.html>

2. Rank these countries from 1 to 6 according to the amount of progress they have made regarding wind power. The most progress being Number 1.

3. Read the paragraph below based on a summary of information from resources in the booklet. Fill in the missing gaps by using the 7 figures in table A below:

United Kingdom - Wind Power provided less than \_\_\_\_ of the UK's energy needs in 2008. The Government has commitment to providing 15% of its energy requirements by the use of renewables by \_\_\_\_\_. This will mean generating \_\_\_\_\_ of its electricity from renewables. Experts believe that the greatest proportion of this renewable energy must come from windpower. In 2007 \_\_\_\_\_ wind turbines were operational in the UK with the possible development of up to 5327 more, giving a total of \_\_\_\_\_ turbines in the near future. Wind Farm projects are in operation throughout the country, mainly onshore, and there are \_\_\_\_\_ operational offshore developments.

Table A.

2020	35%	15%	1900	14	2%	7227
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1. Now decide where the UK ranks in its development of wind power compared to the 6 countries already ranked.