



Comprehension - Wind Energy Powering the Future

Pre-watching activity

- How do you use energy every day? (e.g. at home, in school, for transport). Make a list of all of the ways in which you use energy every day.
- What types of energy resources are used to provide this energy (e.g. oil, coal, gas, petrol, wind, what do we use to generate electricity?).

During watching activity

Give each student the task of noting down the following from the film (the teacher can use all or pick a selection as appropriate for the class).

1. A list of images that show our energy use
2. Environmental facts
3. Economic Facts
4. Images which show negative use of energy
5. Information about power plants
6. List of challenges which face wind power
7. List of good things about wind power
8. Targets for 2020
9. List of agencies/companies mentioned





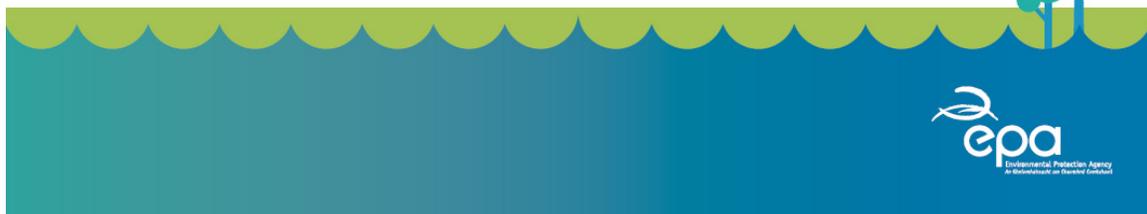
10. Predictions for 2020
11. Financial issues
12. Planning issues
13. Infrastructure issues
14. Energy in the past
15. Energy in the future
16. Government facts
17. Opportunities

Post-watching activity

On the board students complete a SWOT analysis of wind energy in Ireland outlining the strengths, weaknesses, opportunities and threats that exist.

Further activities

- Do some further research into the Dundalk Institute of Technology wind energy project or a wind farm near you, for maps visit www.iwea.com.
- Research sustainable energy in your locality (wind, hydro, wave, solar, biomass, geothermal).
- Divide the class into two and research the pros and cons of a wind farm in your area - imagine there is a plan for 12 wind turbines to be built in your local area - hold a debate on the issue.





Useful websites

- www.reio.ie: Renewable Energy Information Office
- www.seai.ie: Sustainable Energy Authority of Ireland
- www.iwea.com: Irish Wind Energy Association
- www.wavebob.com: Wave energy company

