

CLICK ON THE SMALL CIRCLES FOR LINKS TO USEFUL INFORMATION.

THE HISTORY OF WIND POWER

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS <https://www.facebook.com/groups/254963448192823/> www.technologystudent.com © 2021 V.Ryan © 2021

2. This is a reproduction of one of the earliest types of wind powered device. Write briefly about it - include its location, date and describe its use.



3. As sails evolved and became more advanced, this type of wind powered device appeared. Where? When? How did it differ to earlier designs? Include your own sketch.



4. Describe the type of windmill that appeared in Europe, 1300 - 1850 AD. What was its function? Include a simplified sketch.



5. Name this windmill? When and where was it first introduced? What was its main purpose?



1. How does air move, forming the wind? Include a labelled diagram.



EXTENSION TASK

Search the internet for a range of images, of modern wind turbines. Write briefly about each one.

8. In the 1960s, German Technologist, Professor Ulrich Hutter designed a number of wind generators. What new materials did he incorporate into his designs? Paste an image of one of this wind generators.



7. Describe the main features of the Gedser Wind Turbine, built in Denmark in the 1960s. Sketch this important wind turbine.



6. Describe the Palmer-Putman machine of the early 1930s. Include reference to its size and 'output'.

