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y 2: Wind Speed and Elect			
Turbine	ricity Production Wind Speed	Electricity Generated (kW)]
<u>-</u>		Electricity Generated (kW)	
Turbine onus 1000 kW 54 m rotor eg Micron 1000 kW 60 m		Electricity Generated (kW)	
Turbine onus 1000 kW 54 m rotor		Electricity Generated (kW)	

Activity 3: Hub Height and Electricity Production

Choose 1 wind turbine and record in box below



- Click on the "3"
 - Use the red arrow to adjust the hub height at 4 different locations.
- Record the amount of electricity produced at each different hub height.

Turbine	Hub Height (m)	Electricity Generated (kW)

Summary: Based on the data above, explain the impact that hub height has on electricity generation.	

Activity 4: Wind Turbine Siting

- Choose 1 wind turbine and record in box below
- Use the red arrow to adjust the wind speed and record. Keep the speed the same throughout the activity.
- Go through each of the four roughness classes and record changes in electricity output.

Turbine	Roughness Class	Wind Speed (m/s)	Electricity Generated (kW)

Summary: Based on the data above, explain the impact that landscape has on electricity generation.