Changing Importance of Other Energy Sources Activity



**Syllabus Link:** The relative and changing importance of hydrocarbons, nuclear power, renewables, new sources of modern energy.

**Task:** You need to find details of and evaluate energy sources in terms of their importance for the future. You need to do this for:

**Resources:** Useful websites include:

* <http://www.ei.lehigh.edu/learners/energy/impacts1.html>
* <https://www.bp.com/en/global/corporate/energy-economics/energy-outlook.html>
* <http://energy4me.org/all-about-energy/sustainability/environmental-impact-by-source/>

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| --- | --- |
| **Energy Type:** | **Oil** |
| **Describe how this energy is produced** |
|  |
| **List different applications for the energy produced** |
|  |
| **Current usage (total and global patterns & trends)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation of the viability as a future source of energy** |
|  |

|  |  |
| --- | --- |
| **Energy Type:** | **Nuclear** |
| **Describe how this energy is produced** |
|  |
| **List different applications for the energy produced** |
|  |
| **Current usage (total and global patterns & trends)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation of the viability as a future source of energy** |
|  |

|  |  |
| --- | --- |
| **Energy Type:** | **Solar** |
| **Describe how this energy is produced** |
|  |
| **List different applications for the energy produced** |
|  |
| **Current usage (total and global patterns & trends)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation of the viability as a future source of energy** |
|  |

|  |  |
| --- | --- |
| **Energy Type:** | **Nuclear** |
| **Energy Source** |
|  |
| **Current usage (total and global patterns)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation as a future source of energy** |
|  |

|  |  |
| --- | --- |
| **Energy Type:** | **Wind power** |
| **Describe how this energy is produced** |
|  |
| **List different applications for the energy produced** |
|  |
| **Current usage (total and global patterns & trends)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation of the viability as a future source of energy** |
|  |

|  |  |
| --- | --- |
| **Energy Type:** | **Biofules** |
| **Describe how this energy is produced** |
|  |
| **List different applications for the energy produced** |
|  |
| **Current usage (total and global patterns & trends)** |
|  |
| **Positive Impacts** |
|  |
| **Negative Impacts** |
|  |
| **Evaluation of the viability as a future source of energy** |
|  |