***Discuss the reduction of resource consumption by* *conservation, waste reduction, recycling and substitution.***

***Evaluate a strategy at a local or national scale aimed at* *reducing the consumption of one resource.***

CONSERVATION STRATEGIES  
**What is CONSERVATION?**  
This is resource use as to provide the greatest yield for the greatest number over the longest time period. Also one should consider the optimal timing of the use of natural resources. In some cases this could include the PRESERVATION OF NATURAL RESOURCES, and the environmental protection thereof.  
**What is RESOURCE SUBSTITUTION?**  
Many resources can be substituted for other resources. Examples of this could include cotton to synthetic fibers for the textile industry or the use of natural gas instead of coal.  
Resource substitution often occurs due to changes in supply, demand, and prices. It is the goal of many conservation strategies to substitute non-renewable resources for more alternative or renewable resources.  
**What is RECYCLING?**  
Recyling is to increase the quantity of the resource by recycling the wastes of the product. For example mineral content can be recovered from the residue of certain products. Forest recyling and other recycling programs for waste paper have been implemented so that forest resources can be re-used and conserved.  
  
[*Sustainable development*](http://www.geographyalltheway.com/ib_geography/ib_development/sustainable_development.htm)*,*[*Conservation*](http://www.geographyalltheway.com/in/ib-development/ib_conservation.htm)*,*[*Resource distribution*](http://www.geographyalltheway.com/in/ib-development/ib_resource_substitution.htm)  
  
Water - Victoria, Australia  
<http://www.resourcesmart.vic.gov.au/for_households/water.html?gclid=CISmiv_YiqgCFdSHzAodS0qaCQ>  
  
<http://www.storyofstuff.com/>

**The Grune Punkt scheme – Recycling in Germany (1/2 side)**

<http://www.howtogermany.com/pages/recycling.html>  
  
<http://www.gruener-punkt.de/en/corporate/consumer.html>  
  
<http://www.gruener-punkt.de/en/corporate/press/press-information/press-information/article/dsds-environmental-performance-report-for-2009-15-million-tons-of-co2-avoided-or.html>

**Conserving Fish Stocks - EU Common Fisheries Policy (1 side)**

**Conserving Fish Stocks**  
<http://www.eubusiness.com/news-eu/1242135123.91>  
<http://ec.europa.eu/fisheries/cfp/fishing_rules/tacs/index_en.htm>  
<http://news.bbc.co.uk/2/hi/uk_news/7152161.stm>  
<http://www.heraldscotland.com/news/home-news/future-of-whitefish-fleet-grim-after-eu-quota-deal-1.1072604?localLinksEnabled=false>

**Map of the EU fishing grounds**

**[http://c1.wikicdn.com/i/mime/32/application/pdf.png](http://ishrdiplomageography.wikispaces.com/file/view/fishing_areas_en.pdf)**[**fishing\_areas\_en.pdf**](http://ishrdiplomageography.wikispaces.com/file/view/fishing_areas_en.pdf)

**Total Available Catches**

[http://c1.wikicdn.com/i/mime/32/application/pdf.png](http://ishrdiplomageography.wikispaces.com/file/view/tacs_en.pdf) [tacs\_en.pdf](http://ishrdiplomageography.wikispaces.com/file/view/tacs_en.pdf)

**Evaluate the impact of fish farming in conserving fish stocks (1/2 side)**

<http://www.reuters.com/article/idUSB87830920070207>  
  
<http://www.barentsobserver.com/fish-farming-threatens-wild-cod.4616024-116321.html>  
  
<http://www.thestar.com/living/food/article/720586--comeback-cod>