

Vinyl 2010 Essay Competition Submission Template

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Summary:

Sustainable development is untenable without a sustainable source of food and energy. It is necessary to substitute food aid in developing countries to support production in these countries. Expanding organic agriculture worldwide, for stability, supply food, and have the best presumption in comparison with conventional agriculture and agriculture that is genetically modified. Consumption of energy in different forms continues to grow. The only way to save energy, while raising the living standard, must be by going together with saving energy. Possibilities are that directives will put more pressure on people and companies to save energy like it is in the car industry with exhaust emissions.

Essay:

Food and energy crisis is a proof of indefensible our system of producing food and energy. For solution, we do not need any new inventions, only apply present information. There are two solutions. At first, we need to save energy and more effectively use our land, not only from the viewpoint of producing food but ecology too. At second, we need diversification of our energy and food sources.

Economic growth and rising the living standard are going together with rising consumption. Rising consumption of fossil fuel, energy, and changes in sustenance. More are consumed sugar, fats, and meat. From a long-term point of view, rising the living standard this way is not permanent and sustainable. Sources of energy are limited, new clean energy we do not know or are too expensive, there is only one way – the save. Sources of food, mainly in the form of soil, are limited too.

Europe Union and other developed countries have overproduction of food. It is for developing agriculture, food industry, and other branches support amount produced food. For that reason, they can send “generous” food aid. Many states are dependent on this aid. Although they have enough fertile soil, but do not have know-how, required mechanism, and other facilities to produce enough amount food for yourself. Badly managed food aid can create problems by disrupting local markets, depressing crop prices, and discouraging their home food production.

I know that dependent developing countries is of political view strategic good, but no if people starve, and it is near-sighted, is more human to sell information like food to people in penury, but it is different theme....

Support producing food in developing countries could lead to no total dependence on food aid or lower this aid in some countries. For many countries in which there is penury and people suffer from hunger, create appropriate agricultural systems. For these countries, more suitable organic agriculture. These systems have many benefits. They are less exacting on fertilizer, herbicides, offer more stable harvest like conventional agrosystems and are environment friendlier, although have lower harvest.

Development of conventional agriculture or cultivation of genetically modified crops could lead to same dependence like now. Reduction of offered food aid creates space for extensive organic, extensive or low-input agriculture, on our fields, which have on several per cent few production. This field is possibility to use for producing energetic crops too.

Expand organic agriculture is necessary in world wide. For stability supply food it have best presumption in compare with a convention agriculture and agriculture a grow genetic modified (GM) crops. GM crops are created for one or some concrete condition for example dray, frost, temperature or have same nutrition benefits. But from long-term point of view have some risks which could lead to unstable supply food. Organic agriculture take pains to prevent this extreme influence do not transform nature, that better resist natural influence, do not offer biggest harvest but more stable and environment friendly.

Cultivation of energetic crops could lead to lower our dependent on import of energy raw-materials, mainly natural gas and oil. Energy from energetic crops is not panacea, always stay only complementarily source of energy and have several drawback but after several changes and time could became main fuel to heating buildings.

As follow I get to energetic question. Consumption of energy in her different form continuously growth. Stretch this consumption is not sustainable neither renewable nor no renewable source. The only way is save energy. In same brunch is establish spare measure directly like with a bulbs and indirectly like in a car industry for exhausts emissions. European emission standards define the acceptable limits for exhaust emissions of new vehicles sold in EU member states and that indirectly consumption of fuel and energy. There is same directive for light bulb which take lawfulness some few years.

We know a concept energetic passive house some year. This house are based on quality technologies and precise processing. A standard house have consumption about 100kWh / m² and the passive building must not use more than 15 kWh / m² per year in heating and cooling energy. And the price is upper only about 10-20 %. Today thermal power-station burned biomass heat up for example 100 standard flats but passive 600 flats. This way we upper energetic effectiveness ecology thermal power-station. This house became standard in some advanced state like Austria and Germany. Is necessary including this standard to European and national legislation in short time and. If each new houses or flats will accomplish this criteria could distinctly reduce consumption energy in some few decades.

The price is very good regulatory mechanism, in case of energy end food too. If something is free or the price is too low, people have a tendency consume in over-abundance and waste resources. This wasting food and energy we could see in many developed country. The price must by given that in order to state have enough money to support alternative source of energy (for example decorating family houses means wasted light and wasting energy).

Once again, what have to do for no more rising energetic consume and prevent lack of food ? Substitute food aid for support and development agriculture in state dependent on food aid which have good condition for develop agriculture. Our agriculture focus on organic and extensive systems which have stabler harvest. Rising the living standard must by going together with saving energy. National institution must secure quick apply new information to practise. Next possibility is that directive will more pressure on people and company saving energy.